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OFFICE OF PUBLIC ACCOUNTABILITY  
PROCUREMENT APPEALS

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**OFFICE OF PUBLIC ACCOUNTABILITY**  
**PROCUREMENT APPEAL**

In the Appeal of	)	<b>APPELLANT'S COMMENTS ON</b>
	)	<b>AGENCY REPORT</b>
Phil-Gets (Guam) International Trading Corp.	)	
dba J&B Modern Tech,	)	Docket No. OPA-PA-11-013
	)	
Appellant.	)	
_____	)	

**I. INTRODUCTION**

Appellant Phil-Gets (Guam) International Trading Corp. dba J&B Modern Tech ("J&B") comments as follows on the Agency Report filed by appellee University of Guam ("UOG") on July 25, 2011. Because of UOG's shifting position, it is necessary for J&B to be somewhat detailed below and provide information not included in the concise statement in its Notice of Appeal filed July 7, 2011. As noted in both J&B's Notice of Appeal and UOG's Agency Report, UOG's bid for this project was initially rejected due to "high price". Thus J&B's protest addressed only that issue. Because J&B's bid was clearly the lowest bid, the protest was simple. There was no need J&B to involve counsel to assert the protest. In response, UOG's rejection of the protest admitted the initial grounds for rejection of J&B's bid were erroneous. UOG then went on to deny J&B's protest on

entirely new, more complex grounds relating to alleged “non-conformance with specifications”. In its Agency Report, UOG elaborates upon and refines these new grounds. Thus J&B had no opportunity to research and respond to the belatedly alleged grounds for rejection of its bid in its initial protest, and only a limited time to do so in preparing its Notice of Appeal. Thus the comments that follow and the exhibits thereto are J&B’s fullest, fairest and to some extent first opportunity to “build a record” and address the moving target presented by the UOG’s responses to J&B’s bid, protest and appeal.

## **II. EXHIBITS**

J&B’s exhibits are labeled “JBC” for J&B Comments. Exhibits to Alexander Salazar’s declaration are labeled “DAC” for Declaration of Alexander Salazar.

JBC-1	Pages 88-92 of Projection Specification for UOG Bid No. P13-11
JBC-2	Declaration of Alexander Salazar and exhibits thereto
JBC-3	Bid Opening Abstract Form
JBC-4	Request for Clarification
JBC-5	Re-Issue of Request for Clarification of Qualifications
JBC-6	Declaration of Noel Lopez
JBC-7	J&B March 22, 2011 cover letter for submittal to UOG
JBC-8	URW Roofing Company’s letter of intent
JBC-9	URW Roofing’s certification as an applicator for United Coatings products
JBC-10	Excerpts of information J&B submitted to UOG concerning ALDO products
JBC-11	Confirmation J&B is Approved Applicator for ALDOCOAT
JBC-12	Bid Status

- JBC-13 June 10, 2011 letter from J&B to UOG
- JBC-14 June 20, 2011 letter from J&B to UOG
- JBC-15 June 22, 2011 letter from UOG to J&B
- JBC-16 Bid Status (Corrected)
- JBC-17 Protest Determination
- JBC-18 Excerpt from Contract Agreement for UOG Bid P13-11

### III. RESPONSE TO COMMENTS

#### A. Relevant background.

##### 1. Initial bid solicitation

UOG solicited bids for UOG Bid No. P13-11, Recovery CIP: Roof Repairs & New Roof Coating at Various Facilities. The Project Specifications for materials to be used were prepared by Isla Paint with modification by UOG and Sodexo. Exhibit JBC-1 at 88; Agency Report at 6. Isla Paint is a local vendor of such materials. The specifications prepared by Isla Paint recommended three roofing products. Exhibit JBC-1 at 91. Not surprisingly, Isla Paint is the dealer on Guam for two of those products, including Roof Mate, which is manufactured by United Coatings. In its Notice of Appeal, J&B stated on information and belief that Isla Paint was the sole dealer on island for the two products. In the Agency Report, UOG asserts there is a second dealer on island for these products, but does not identify the second dealer. J&B remains unaware of any other dealer on island for these products. Exhibit JBC-2 at ¶2.

##### 2. J&B's bid preparation

After J&B picked up a bid package, J&B received an unsolicited proposal from Isla Paint for Roof Mate. Exhibit JBC-2 at ¶3 and Exhibit DAS-1 thereto. The Isla Paint proposal did not

mention any need for special certification to purchase or apply the product and also did not mention a \$10,000 fee for such certification. Exhibit JBC-2 at ¶3 and Exhibit DAS-1 thereto.

**3. The Bid opening.**

The bids were opened on March 7, 2011. J&B was the lowest bidder. Exhibit JBC-3. J&B's bid was \$719,911. Modern Konstrak bid \$885,730. *Id.*

**4. Isla Paint's communication with J&B after the bid opening.**

After the bid opening, Isla Paint contacted J&B and spoke with a J&B employee named Noel Lopez. Isla Paint informed Mr. Lopez that J&B would have to pay Isla Paint \$10,000 to have someone trained and certified to apply Roof Mate. Exhibit JBC-6 at ¶2. Mr. Lopez informed the project engineer, Alexander Salazar, of this. *Id.*; Exhibit JBC-2 at ¶4. Mr. Salazar did not immediately respond to Isla Paint because this demand for \$10,000 struck him as very strange. Exhibit JBC-2 at ¶5. Usually the training and certification is free, and sometimes there is a charge in the range of \$100 to \$200. *Id.*

**5. UOG's requests for clarification.**

On March 14, 2011, a week after the bid opening, UOG issued a "Request for Clarification" requesting "that all prospective bidders submit a copy of the approval and certification from the manufacture as per Exhibit B, paragraph 1.5.3 of the bid specifications." Exhibit JBC-4.

On March 16, 2011, nine days after the bid opening, UOG issued a "Re-Issue Request for Clarification of Qualifications and New Submission Date". Exhibit JBC-5. This notice was also directed to "all prospective bidders". This notice actually changed several terms in the original bid documents after the bids had been opened and thus after UOG knew that J&B's bid was substantially lower than that of Modern Konstrak.

The original section 1.5.1 of the Project Specifications provided in its entirety, “1.5.1 Fluid-Applied Roofing Material Manufacturer company specializing in reinforced fabric acrylic copolymer roofing systems with a minimum of 5 years experience.” Exhibit JBC-1 at 89. In the Re-Issue Request, this was changed to “Fluid-Applied Roofing Material Manufacturer Company of document experience.” Exhibit JBC-5. The original section 1.5.2 of the Project Specifications stated in its entirety, “1.5.2 Applicator Company specializing in performing the work of this section with minimum of 5 years experience approved as an authorized applicator in writing by manufacturer.” Exhibit JBC-1 at 89. In the Re-Issue Request, this was changed to “Applicator company approved as an authorized applicator in writing by manufacturer (Note: The Company, not an individual working for the Company)”. Exhibit JBC-5. Paragraph 1.5.3 as written in the original Project Specifications stated in its entirety, “1.5.3 Applicator approved and Certified by manufacturer.” Exhibit JBC-1 at 90. In the Re-Issue Request this was changed by the addition of “(Note: The approval and certification has to be current, signed and dated by manufacturers authorized representative). This will apply for all applicators the company intends to use for this project.” Exhibit JBC-5.

**6. J&B’s response to UOG’s requests for clarification.**

After receiving UOG’s request for clarification, Mr. Salazar of J&B contacted Isla Paint to inquire about product data for Roof Mate and certification. Brian Kent of Isla Paint informed Mr. Salazar that Isla Paint refused to provide product data because J&B was not on the list of certified applicators. Mr. Salazar asked how J&B could become certified, and Mr. Kent said it was too late for J&B to become certified. Exhibit JBC-2 at ¶6.

Mr. Salazar asked Mr. Kent for a list of certified applicators of Roof Mate whom J&B could contact about possible subcontracting. Mr. Kent provided the list. Exhibit JBC-2 at ¶7. Mr. Salazar contacted URW Roofing, an applicator on the list, and URW Roofing agreed to work as J&B's subcontractor on the project. Mr. Kent then provided product data to J&B. Exhibit JBC-2 at ¶8.

J&B then submitted the requested supplemental data to UOG. J&B offered the University three choices. UOG could select Roof Mate, in which case J&B would hire URW Roofing as a subcontractor. UOG could select a second product, ALDOCOAT, which J&B was certified to apply. UOG could select Polyurethane Coatings, in which case J&B would hire a different subcontractor, AMC Painting and Construction Company. Exhibit JBC-7 (cover letter for J&B's response to Requests for Clarification.) Because J&B's full response to the Requests for Clarification are bulky and should already be in the record transmitted by UOG, only certain especially relevant documents are attached to these comments as exhibits. These include: J&B's cover letter (Exhibit JBC-7); URW Roofing's letter of intent to work as J&B's certified applicator on the project (Exhibit JBC-8); URW's certification to apply United Coatings products (Exhibit JBC-9); portions of the submitted product information for ALDO products, including ALDOCOAT 400 and ALDOBOND 767 (Exhibit JBC-10); and confirmation that J&B is an Approved Applicator for ALDOCOAT (Exhibit JBC-11).

It should be noted that even if UOG awarded the contract to J&B and selected Roof Mate, this would not mean that a subcontractor, URW Roofing, would have done all of the work on the project. J&B would still provide a substantial amount of the labor for the project to repair cracks in the roof, do concrete topping for swells to avoid water ponding, remove the existing coating, do

surface preparation, and install safety rails for fall protection. In addition, J&B would have paid for all materials to be used on the project and provided all required bonding. Exhibit JBC-2 at ¶9.

#### 7. UOG rejection of J&B bid, procedural history

The procedural history of this matter is summarized below. In the accompanying exhibits J&B included some of UOG's fax cover sheets because UOG has at times either backdated documents or, more likely, not transmitted documents until a few days elapsed after preparation. As a result, the incorrect dates on UOG's documents make it appear that J&B did not always respond in a timely manner when in fact J&B did.

On June 10, 2011, UOG faxed a "Bid Status" (dated June 7, 2011) to J&B, rejecting J&B's bid on the grounds of "High price" and recommending an award to Modern Konstrak. Exhibit JBC-12. On the same day, J&B sent a letter to UOG noting the grounds for rejection were erroneous because J&B's bid was \$165,819 lower than Modern Konstrak's bid. Exhibit JBC-13.

On June 20, 2011, J&B sent a follow-up letter about this to UOG. Exhibit JBC-14. On June 22, 2011, UOG sent a letter to J&B stating, "We are finalizing our response to your bid status inquiry." Exhibit JBC-15.

On June 24, 2011, UOG transmitted a "Bid Status (Corrected)" to J&B, asserting that J&B's bid was rejected due to non-conformance with the specifications. Exhibit JBC-16. UOG then immediately transmitted a letter entitled "Protest Determination" to J&B describing J&B's letter of June 10, 2011 as a "Protest letter", denying the protest, and advising J&B of its right under Guam law to administrative and judicial review. Exhibit JBC-17. The Protest Determination transmitted on June 24, 2011 was misdated as "June 20, 2011". *Id.* There were no "enclosures" with the Protest Determination, so documents referenced therein, such as the AM Orient Engineering Report

and the June 14, 2011 letter from Isla Paint, were not made available to J&B at that time. Exhibit JBC-2 at ¶10.

J&B notes all of the above because in the Agency Report UOG continues to refer to the Protest Determination as a “letter of June 20, 2011”. Agency Report at 5. If the protest had in fact been denied on June 20, 2011 and J&B had been notified that date, J&B’s current appeal would not be timely filed. Although UOG has not argued this, J&B is concerned that an administrative official or judge might *sua sponte* dismiss the appeal as untimely if this is not corrected. UOG could not have denied the protest on June 20, 2011 when its letter of June 22, 2011 states that UOG was still “finalizing our response”. Exhibit JBC-15. In addition, the Protest Determination itself bears a facsimile date stamp from the UOG Business Office showing that it was sent on June 24, 2011. Exhibit JBC-17. J&B filed a timely Notice of Appeal on July 7, 2011.

**B. Discussion**

**1. Grounds for rejection of J&B’s bid in Bid Status on June 10, 2011.**

While this seems to be a moot issue, J&B notes for the record that the grounds given by UOG on June 10, 2011 for rejection of J&B’s bid are plainly erroneous. There was no basis for UOG to reject J&B’s bid due to high price. It is undisputed that J&B’s bid \$719,911 was substantially lower than Modern Konstrak’s bid of \$885,730. There would be substantial savings for UOG if this contract were awarded to J&B.

**2. Grounds for rejection of J&B’s bid and protest in Bid Status (corrected) and Protest Determination on June 24, 2011.**

The grounds for rejection of both J&B’s bid and protest in the Bid Status (corrected) and Protest Determination are also incorrect. UOG was given the choice of having ALDOCOAT



applied by J&B or having Roof Mate applied by a subcontractor who was selected from a list provided by Isla Paint and was a fully qualified applicator of Roof Mate. Either option should have been acceptable.

Some of the issues raised in the Protest Determination were more fully explained in the Agency Report. To avoid redundancy, J&B will fully discuss those issues here.

**a. UOG's grounds for rejecting ALDOCOAT**

UOG contended that ALDOCOAT, which J&B is certified to apply, is not an acceptable product. Exhibit JBC-17. With one exception noted below, ALDOCOAT meets all of the performance requirements set forth in the Project Specifications. *Compare* Exhibit JBC-1 at 92 *and* Exhibit JBC-10. The one exception is that the viscosity of a single coat of ALDOCOAT does not meet the requirement set forth in the performance requirements. As Mr. Salazar notes, this is a sham requirement because J&B could meet the thickness requirement by applying multiple coats of ALDOCOAT. Exhibit JBC-2 at ¶11.

UOG contends that ALDOCOAT has been used on concrete roofs on Guam with substandard performance, but provides no documentation or examples to support this. Mr. Salazar contradicts this allegation. Exhibit JBC-2 at ¶12.

**b. UOG's grounds for rejecting the use of a subcontractor.**

In the June 24, 2011 Protest Determination, Exhibit JBC-17, UOG contended that use of subcontractors was prohibited by "Section 13 Independent Contractor" in the General Terms and Conditions of the Invitation to Bid. This section provides, "Contractor shall operate its business as an independent contractor and shall discharge all of its duties as such. No act performed or representation made, whether oral or written by Contractor with respect to third parties shall be

binding to UOG.” See Exhibit JBC-17 (quoting Section 13). UOG confuses the distinction between an “independent contractor” and a “prime contractor”. An independent contractor is “one who, in exercise of an independent employment, contracts to do a piece of work according to his own methods and is subject to his employer’s control only as to end product or final result of work.” Black’s Law Dictionary 770 (6<sup>th</sup> ed. 1990). Section 13 of the General Terms and Conditions merely provides that the contractor for the project will be independent of UOG, and may not bind UOG by acting as UOG’s agent. This section in no way prohibits the independent contractor from hiring subcontractors. In fact, Section 12 of the Contract Agreement for this project expressly allowed the use of subcontractors. Exhibit JBC-18.

In the Protest Determination, UOG implied that J&B would be subcontracting nearly all of the work involved to URW Roofing. As noted above, J&B would still be performing a substantial amount of work on the project in addition to paying for supplies and bonding. Exhibit JBC-2 at ¶9. UOG also expressed concerns that somehow the use of URW Roofing would cause problems with warranties. UOG has not explained why a manufacturer’s warranty would somehow be invalidated if its product were applied by an approved applicator who happened to be a subcontractor rather than a prime contractor. In fact, Isla Paint willingly provided J&B with the warranty documents after J&B informed Isla Paint that J&B would subcontract the application to URW Roofing. See Exhibit JBC-2 at ¶8 and Exhibit DAS-2. These documents were in J&B’s March 22, 2011 Submittal to UOG, as should be reflected in the Procurement Record filed by UOG. Similarly, J&B’s use of a subcontractor would not limit J&B’s liability to UOG under the contract and would not limit UOG’s remedies under any applicable bond.

**3. Grounds for rejection of J&B’s protest in Agency Report.**

Most of the grounds given for denial of J&B's protest in the Agency Report are similar to those in the Protest Determination. To the extent that material in the Agency Report explains or elaborates upon issues previously touched upon in the Protest Determination, that material is addressed above and J&B will not repeat its discussion of those issues here. In the Agency Report UOG further alleges the following:

Appellant was in non-conformance with the specifications because it did not identify a product compliant with the bid specifications at the time of bid closing. Further, Appellant's response to the University's Reissue of a Request for Clarification of Qualifications proposed the use of alternate roofing products and certified contractors. This information was late and should have been submitted to the University before bid closing. (See Exh. AR-8.)

There are several problems with UOG's position.

First, it was obviously unclear to the bidders whether UOG required submission of this information in the original bid package. The brief ungrammatical question and response in AR-8 does not seem to have clarified matters. UOG issued not one but two "clarifications" **after** the bids were opened, making changes to the relevant section of the project specifications in the second "clarification". These "clarifications" were issued to "all prospective bidders", implying that all bidders had to submit additional information because none or almost none of the bidders had submitted this information previously. *See* Exhibits JBC-4; JBC-5.

Second, J&B's response to the requests for clarification was not untimely. The bid opening was held on March 7, 2011, so obviously bids had to be submitted before then. *See* Exhibit JBC-3. The final request for clarification, which changed the specifications, was issued on March 16, 2011. Exhibit JBC-5. Absent a time machine or a crystal ball, how could J&B respond to the re-issued

request for clarification in its initial bid? The re-issued request for clarification set a deadline for submission of March 22, 2011. *Id.* J&B made a timely submission on that date. Exhibit JBC-7.

In addition, in the Agency Report UOG raises new grounds for objecting to a subcontractor. UOG now relies upon the new section 1.5.2 of the Project Specifications as set forth in the Re-Issued Request for Clarification. As noted above, this new language required that the “Applicator Company” be approved an authorized applicator by the manufacturer, and that the approval be for the “Company, not an individual working for the Company.” Exhibit JBC-5. Nothing on the face of this new section 1.5.2 stated that the “Applicator Company” had to be the prime contractor company rather than a subcontractor company. J&B submitted the required approval for URW Roofing and not for an individual employee of URW Roofing. Exhibit JBC-9.

#### IV. CONCLUSION

UOG’s changing reasons for rejecting J&B’s bid and denying J&B’s protest are in error. J&B can apply an acceptable product (ALDOCOAT) itself, or can complete the work using a subcontractor authorized to apply Roof Mate. For the foregoing reasons, it should be determined that the reasons given by UOG for rejecting J&B’s bid and for denying J&B’s Protest are incorrect. This matter should be remanded to UOG with instructions to award the Bid to J&B.

Respectfully submitted,

DOOLEY ROBERTS & FOWLER LLP

Date: August 3, 2011

By:   
**SETH FORMAN**  
Attorneys for Appellant J&B Modern Tech

# EXHIBIT JBC – 1

**EXHIBIT B**  
**Project Specification or Equivalent Equal**  
**UOG BID NO. P13-11**

FLUID APPLIED ELASTOMERIC ROOFING (ACRYLIC) For CONCRETE

(Prepared by Ista Paint; Modified by University of Guam and Sodexo)

**NOTES - COMPARABLE PRODUCTS**

**DEFINITION**

Comparable Product: Product that is demonstrated and approved through submittal process, or where indicated as a product substitution, to have the indicated qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics that equal or exceed those of specified product. Descriptive, performance, and reference standard requirements in the Specifications establish "salient characteristics" of products.

**1.1 COMPARABLE PRODUCTS**

- A. Comparable Product Requests: Submit three (3) copies of each request for consideration. Identify product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles.
1. UOG's Action: If necessary, The University of Guam will request additional information or documentation for evaluation within one week of receipt of a comparable product request. The University of Guam will notify Contractor of approval or rejection of proposed comparable product request within 15 days of receipt of request, or 7 days of receipt of additional information or documentation, whichever is later.
- B. Conditions: The University of Guam will consider Contractor's request for comparable product when the following conditions are satisfied. If the following conditions are not satisfied, Architect will return requests without action, except to record noncompliance with these requirements:
1. Evidence that the proposed product does not require extensive revisions to the Contract Documents, that it is consistent with the Contract Documents and will produce the indicated results, and that it is compatible with other portions of the Work.
  2. Detailed comparison of significant qualities of proposed product with those named in the Specifications. Significant qualities include attributes such as performance, weight, size, durability, visual effect, and specific features and requirements indicated.
  3. Evidence that proposed product provides specified warranty.
  4. List of three (3) similar installations for completed projects with project names and addresses. The three projects must be at least three (3) years old and be available for inspection by a University of Guam's Representative.
  5. Any deficiencies in performance, warranty terms or improper submittal procedure will constitute grounds for immediate rejection of proposed comparable product. Any item or materials submitted as a comparable product must comply in all respects as to the quality and performance of the listed specifications. The University of Guam shall be the sole judge as to whether or not an item submitted as a substitute is truly equal. Should the Contractor choose to submit a comparable product, he shall assume all monetary or other risk involved, should The University of Guam find the proposed comparable product unacceptable. The University of Guam reserves the right to limit selection to products with warranties not in conflict with requirements of the Contract Documents.
  6. Samples, if requested.
  7. Provide products complete with accessories, trim, finish, fasteners, and other items needed for a complete installation and indicated use and effect.

## PART 1 GENERAL

### 1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced.

#### FACTORY MUTUAL ENGINEERING AND RESEARCH (FM)

FM P7825 (2001) Approval Guide

FEDERAL STANDARD (FED-STD)

FED-STD-313 (Rev. C) Material Safety Data, Transportation Data and Disposal Data for Hazardous Materials Furnished to Government Activities

NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA)

NRCA-02 (1996) NRCA Roofing and Waterproofing Manual

### 1.2 SYSTEM DESCRIPTION

Roofing System: Single component, multi-layered application of fluid-applied acrylic copolymer materials with non-woven polyester reinforced fabric to prevent moisture migration and penetration during rain and high temperature, high humidity thermal cycling. The system shall have Class I Roofing System Recognition as tested by Factory Mutual (FM P7825) or other accredited testing laboratory meeting the roofing assembly system testing requirements of Factory Mutual, incorporate adhesion, impact and abrasion resistance, flexibility and excellent weather resistance. The system shall have a minimum of 5 years successful performance in a high temperature and high humidity environment similar to Guam.

### 1.3 SUBMITTALS

Submit the following in accordance with Section 01332, "Submittals During Construction for Design Build".

#### SD-01 Preconstruction Submittals

Applicator's qualifications

Material compatibility

SD-03 Product Data

Fluid-applied roofing system

Moisture meter

Provide data for fluid-applied roofing; reinforcing fabric; joint and crack sealants; with temperature range for application of waterproofing membrane.

#### SD-04 Samples

Fluid-applied roofing;

Submit samples of not less than 2" X4" in size showing the applied thickness, texture, and color as selected.

#### SD-07 Certificates

A. Fluid-applied roofing system certifying that products meet or exceed specified requirements.

B. Applicator approved and Certified by manufacturer.

#### SD-08 Manufacturer's Instructions

Application instructions

Manufacturer's material safety data sheets

### 1.5 QUALIFICATIONS

1.5.1 Fluid-Applied Roofing Material Manufacturer Company specializing in reinforced fabric acrylic copolymer roofing systems with a minimum of 5 years experience.

1.5.2 Applicator Company specializing in performing the work of this section with minimum of 5 years experience approved as an authorized applicator in writing by manufacturer.

1.5.3 Applicator approved and certified by manufacturer.

## 1.6 QUALITY CONTROL

### A. Qualifications:

1. Manufacturer: Company specializing in permanent waterproofing, liquid applied acrylic roofing systems with a minimum of five (5) years experience in high temperature high UV and high humidity environments.
2. Applicator specializing in performing the Work of this Section with minimum 5 year documented experience with projects in Saipan or Guam.
3. Applicator approved and Certified by manufacturer.

### B. Technical Representative

1. Manufacturer's Technical Representative: Manufacturer to make available technical representative to monitor ongoing operations to assure proper installation of roofing. Maintain same Technical Representative for duration of project.
2. Substrate Certification: Submit Manufacturers Technical Representative's written certification of compliance of prepared substrate in conformance with requirements necessary for system Installation. Certification of substrate to be accomplished just prior to application of membrane system.
3. Manufacturer's Technical Representative Field Review of Work:

A. Number of Visitations: Tech Rep shall inspect regularly. Submit number of manufacturer's recommended minimum number of times that Technical Representative is scheduled to field review work to ensure the success of the installation. Indicate when such visits are to be conducted.

B. Field Reports: For each visit, submit Technical Representative's field report assessing each installation. The detailed field reports to indicate the date, the time, the length of time of each visit, the condition of each day, the condition of the substrate at the time of application, the application procedures wet and dry film thickness measured, and other important aspects affecting the success of the installation.

1.6.1 Application Instructions Indicate special procedures and perimeter conditions requiring special attention.

### 1.6.2 Manufacturer's Material Safety Data Sheets

Submit for fluid-applied roofing, solvents, and other potentially hazardous materials, as defined in FED-STD-313.

### 1.6.3 Material Compatibility

Manufacturer's certification that fluid membrane materials are physically and chemically compatible with each other. Materials not certified are not permitted in the work area.

## 1.7 PREROOFING CONFERENCE

Prior to starting application of fluid-applied roofing system, arrange and attend a Preroofing conference at project site with UOG Representative, Contractor, and Subcontractors to ensure a clear understanding of drawings and specifications. Ensure that other trades that may perform other types of work on or over the membrane after installation, attend this conference.

## 1.8 DELIVERY, STORAGE, AND HANDLING

Deliver fluid-applied roofing materials in manufacturer's original, unopened containers, with labels intact and legible. Containers of materials covered by a referenced specification number shall bear the specification number, type, and class of the contents. Deliver materials in sufficient quantity to continue work without interruption. Store and protect materials in accordance with manufacturer's instructions, and use within their indicated shelf life. Store materials on pallets and cover from top to bottom with canvas tarpaulins.



## 1.9 ENVIRONMENTAL CONDITIONS

Apply materials when there is no surface moisture or visible dampness on the substrate surface. Moisture test for substrate is specified under paragraph entitled "Moisture Test". The applicator shall not apply any material when environmental conditions will not permit a set before rain.

## 1.10 WARRANTY

- A. Furnish the fluid-applied roofing system manufacturer's warranty for the roofing system, including flashing and accessories. The warranty shall run directly to the University of Guam. In no event shall the warranty period be less than ten (10) years from the date of the UOG's acceptance of the work, notwithstanding roofing applicator's or manufacturer's unpaid invoices for installation, supplies, or service.
- B. Warranty Period: 10 Years

## PART 2 PRODUCTS

A. Subject to compliance with project requirements, manufacturers offering Products which may be incorporated in the Work include the following:

1. Global Shield, Inc., Rubbershield AC Roofing System
2. United Coatings, Inc., Roof Mate Concrete Roofing System
3. Hydro Stop Inc., Hydro Stop Premium Coat Roofing System

## 2.1 SYSTEM

A. The following specification is based on a Concrete Roofing System with Full Fabric Reinforcement .

### 2.1.1 MATERIALS

- A. Biodegradable Cleaner: water-reducible non-phosphate cleaner, as supplied by Coating Manufacturer for use in cleaning concrete substrates prior to coating.
- B. Construction Grade Caulk: Single package polyurethane sealant, as approved by Coating Manufacturer for use in sealing cracks and seams, and at vertical/horizontal interfaces.
- C. Concrete Repair Material: polymer concrete renovation and repair material, as supplied by Coating Manufacturer for use in filling voids, resurfacing spalled concrete surfaces and/or providing slope-to-drain as necessary to eliminate ponding water.
- D. Concrete Primer and Sealer: water-based, single package penetrating epoxy, as supplied by Coating Manufacturer for use in priming and sealing chalky or dusted concrete surfaces.
- E. Fabric Adhesive: single package acrylic, as supplied by Coating Manufacturer for use in adhering and embedding reinforcing fabric on detail areas or when reinforcing entire roof surface.
- F. Reinforcement Tape: stitchbonded polyester, as supplied by Coating Manufacturer for reinforcing cracks, seams, vertical/horizontal interfaces and other detail areas.
- G. Reinforcement Fabric: stitchbonded polyester fabric, as supplied by Coating Manufacturer for reinforcing large detail areas and for full fabric reinforcement.
- H. Fluid-Applied Reinforcement Mastic: single package acrylic, as supplied by Coating Manufacturer use as an alternative to letter F above in reinforcing detail areas where mesh application is impracticable.
- I. Fluid-Applied Elastomeric Finish: advanced acrylic coating to provide a seamless, weatherproof membrane over the existing concrete substrate.

## 2.2 PERFORMANCE REQUIREMENTS

Fluid-applied, advanced pure acrylic elastomeric topcoat in the specified finish color White, shall be internally plasticized to provide a permanently flexible, weather-resistant topcoat. It shall possess a Class "A" fire rating, as tested and certified by UL 790 and Factory Mutual FM4470. Coating shall meet or exceed all properties specified in ASTM D6083, Table 1, "Liquid Property Requirements", and Table 2, "Film Physical Property Requirements for Acrylic Roof Coatings", as follows, and shall be verified by a certified independent testing agency.

Viscosity	85 to 141 KU (ASTM D562) 12,000 - 85,000 cps (ASTM D2196)
Volume Solids	>50% (ASTM D2697)
Weight Solids	>60% (ASTM D1644)
Initial % Elongation	Minimum 100% @ 73°F (23°C) (ASTM D2370)
Initial Tensile Strength	Minimum 200 psi (1.38 MPa) @ 73°F (23°C) (ASTM D2370)
Final % Elongation	Minimum 100% @ 73°F (23°C) (ASTM D2370)
Fungi Resistance	Zero Rating (ASTM G21)
Permeance	Maximum 50 perms (17.2 x 10 <sup>-10</sup> kg/s·m <sup>2</sup> ·Pa) (ASTM D1653)
Water Swelling	Maximum 20% (mass) (ASTM D471)
Accelerated Weathering	No cracking/checking (ASTM D4798)
Adhesion	Minimum 2.0 pli (350 N/m) (wet) 4.0 pli (700 N/m) (dry) (ASTM C794 or D903)
Tear Resistance	>60 lbf/in. (21 kN/m) (ASTM D624)
Low Temp Flexibility	Minimum pass ½ inch mandrel after 1000 hours @ -15°F (-18°C) (ASTM D522)(minimum stress)after 1000 hours accelerated weathering

### 2.2.1 Reinforcing Fabric

Non-woven stitch bonded, heat set fabric which shall meet or exceed the following performance properties:

Properties Test Results Weight --- 101.7 g/sq m

Tensile Strength:	ASTM D 5034 and 393,691 N/sm ASTM D 5035
Elongation:	ASTM D 5034 and 61.65 percent ASTM D 5035 Mullen Burst: 8465 N/sm
Trapezoid:	ASTM D 1117 71.6 N

# EXHIBIT JBC – 2

Seth Forman  
DOOLEY ROBERTS & FOWLER LLP  
Suite 201, Orlean Pacific Plaza  
865 South Marine Corps Drive  
Tamuning, Guam 96913  
Telephone No. (671) 646-1222  
Facsimile No. (671) 646-1223  
E-mail: Forman@guamlawoffice.com

Attorneys for Appellant  
Phil-Gets (Guam) International Trading Corp.  
dba J&B Modern Tech

**OFFICE OF PUBLIC ACCOUNTABILITY**

**PROCUREMENT APPEAL**

In the Appeal of	)	<b>DECLARATION OF</b>
	)	<b>ALEXANDER SALAZAR</b>
Phil-Gets (Guam) International Trading Corp.	)	.
dba J&B Modern Tech,	)	Docket No. OPA-PA-11-013
	)	
Appellant.	)	
_____	)	

I, **Alexander Salazar**, declare as follows:

1. I am employed by Phil-Gets (Guam) International Trading Corp. dba J&B Modern Tech (hereinafter "J&B") as a project engineer.

2. To the best of my knowledge, Isla Paints is the only merchant on Guam selling United Coatings and Hydro-Stop products.

3. After J&B picked up a bid package for UOG Bid No. P13-11, Recovery CIP: Roof Repairs & New Roof Coating at Various Facilities, J&B received an unsolicited proposal from Isla Paint for Roof Mate (a United Coatings product) for use on the project. The Isla Paint proposal did not mention any need for special certification to purchase or apply the product. The proposal also did not mention a \$10,000 fee for such certification. A true and accurate copy of the Isla Paint proposal is attached hereto as "Exhibit DAS-1".

4. After the bid opening but prior to the Request for Clarification, Noel Lopez informed me that Richard Labadnoy of Isla Paint had visited J&B's office and stated that J&B would have to pay Isla Paint \$10,000 to be trained and certified to apply Roof Mate.

5. I did not immediately respond to Isla Paint because this demand for \$10,000 struck me as very strange. I have never had a merchant or manufacturer demand such a large amount for training and certification. Usually the training and certification is free, and sometimes there is a charge in the range of \$100 to \$200. Manufacturers do require contractors to pay for having a supervisor or inspector from the manufacturer visit the site, but I am unaware of this cost ever being close to the amount demanded by Isla Paint.

6. After receiving UOG's Request for Clarification, I contacted Isla Paint to request product data for Roof Mate. I spoke with Brian Kent of Isla Paint. Mr. Kent refused to provide product data because J&B was not on the list of certified applicators. I asked how J&B could become certified, and Mr. Kent said it was too late for J&B to become certified for this UOG project.

7. I asked Mr. Kent for a list of certified applicators of Roof Mate whom J&B could contact about possible subcontracting. Mr. Kent provided the list.

8. I contacted URW Roofing, an applicator on the list. URW Roofing agreed to work as J&B's subcontractor on the project. Mr. Kent then provided me with the warranty explanation and the product test data sheet for Roof Mate by e-mail. This e-mail and the attachments are attached hereto as "Exhibit DAS-2".

9. If UOG awarded the contract to J&B and selected Roof Mate, this would not mean that a subcontractor, URW Roofing, would have done all of the work on the project. J&B would still have provided a substantial amount of the labor for the project to repair cracks in the roof, do

concrete topping for swells to avoid water ponding, remove the existing coating, do surface preparation, and install safety rails for fall protection. In addition, J&B would have paid for all materials to be used on the project and provided all required bonding.

10. When J&B received the "Protest Determination" letter from UOG on June 24, 2011, there were no "enclosures" or "attachments" transmitted with the letter signed by President Underwood. The AM Orient Engineering Report and the June 14, 2011 letter from Isla Paint referenced in the Protest Determination were not made available to J&B at that time.

11. Although application of one or two coats of ALDOCOAT would not meet the thickness requirement of dry film due to a lower viscosity as set forth in the performance requirements for this project, J&B could meet the dry film thickness requirements by applying multiple coats of ALDOCOAT.

12. It has been J&B's experience that ALDOCOAT works well on all kinds of surfaces in Guam's climate. This is proven by J&B's use of ALDOCOAT on completed roofing contracts at the Department of Public Health and the Department of Public Works. This work was completed in 2006 and there have been no complaints or problems concerning the product or the workmanship on those projects.

I declare under the penalty of perjury, under the laws of Guam, that the foregoing is true and correct.

Dated: 8/3/11

By:   
ALEXANDER SALAZAR

# EXHIBIT DAS – 1

# Isla Paint & Roofing Supply

## UOG Bid No. P13-11 Unit Listing

Name of Unit	Est. Roof Area in Sq.Ft.	Material Quotation (estimated)	Avg. Mat Cost
Fine Arts Building	19,300	\$39,081.85	\$2.02
Dean Circle House #9	2,250	\$5,721.02	\$2.54
CNAS	25,963	\$53,778.47	\$2.07
CNAS / Science Building	13,800	\$28,477.93	\$2.06
Computer Center / MARC	14,530	\$18,751.73	\$1.29
Dean Circle House #6	13,800	\$28,477.93	\$2.06
Dormitory I ROTC	18,780	\$38,127.80	\$2.03
Dormitory II Iya Hamie Hall	18,780	\$39,151.80	\$2.08
Dormitory III Gumata Hall	18,780	\$38,413.80	\$2.05
Health Science Building	16,577	\$38,050.00	\$2.30
Marine Laboratory	7,806	\$17,271.02	\$2.21
WERI Building	9,080	\$19,645.20	\$2.16
RFK Library	33,266	\$62,217.68	\$1.87
School of Education	17,191	\$38,287.52	\$2.23
	229,903	\$465,453.75	\$2.07

The above roofing areas, material cost, and average square foot costs are estimations and should not be considered final or absolute. Contractor is responsible for verifying any and all information contained within. Application rates are exact and per manufacturer's published guidelines to achieve the required dry film thickness and do not account for waste, application method or condition of substrate. Terms of Sale are 50% Deposit, Balance COD. Prices are FOB Guam, Isla Paint Facility Tamuning.



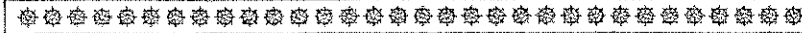
# Isla Paint & Roofing Supply

PO Box 8960, Tamuning, Guam 96931

Ph (671) 647-7870 Fax (671) 647-4285

islapaint@islanders.guam.net

## United Coatings RoofMate Finishing System



Date:	2/2/2011
Sales Person:	Brian Kent
Location:	Guam
TO:	
Attention:	
Project:	UOG Roofing

### Fine Arts Building

Building:	United Coatings	Roof Mate Acrylic Elastomeric	Quotation
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45-50 Mill 10 Year Product Warranty

	Product	Unit	Rate	Coverage	Qty	DFT	Total
Roof Area	19,300	Includes 7,000 sq.ft. for lower extension & parapet					
UCC	X Surface cleaner	5gal Pail	\$249.00	10000	2	0	\$480.57
USPI	X Mildewcide	1 gal	\$89.00	10000	2	0	\$171.77
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	0	0	\$0.00
Barrier Guard	Surface leveler	5 gal	\$279.00	1200	0	0	\$0.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	14	3	\$1,778.36
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	80	3	\$10,775.83
RM-6"	Parpet Detail	1 roll	\$59.00	175	2	0	\$118.00
RM-12"	Joint Detail	1 roll	\$89.00	325	2	0	\$178.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	19	10	\$3,647.70
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	59	15.00	\$7,660.62
RoofMate AR	Build coat	5gal Pail	\$144.00	400	48	10.00	\$6,948.00
RoofMate AR	Top coat	5gal Pail	\$144.00	400	48	10.00	\$6,948.00

Total DFT of System: 49.00

Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.	\$375.00
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Notes:		Total:	\$39,081.65
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Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent

195 GAL

<b><i>Isla Paint &amp; Roofing Supply</i></b>								
PO Box 8960, Tamuning, Guam 96931								
Ph (671) 647-7870 Fax (671) 647-4285								
islapaint@islanders.guam.net								
<b>United Coatings RoofMate Finishing System</b>								
*****								
Date:	2/2/2011							
Sales Person:	Brian Kent							
Location:	Guam							
TO:								
Attention:								
Project:	UOG Roofing							
Building:	<b>Dean's Circle #9</b>							
United Coatings	Roof Mate Acrylic Elastomeric					Quotation		
45-50 Mil 10 Year Product Warranty								
Roof Area	Product	Unit	Rate	Coverage	Qty	DFT	Total	
			Includes for 132 ln.ft. cracks					
UCC	Surface cleaner	1 gal	\$59.00	2000	1	0	\$66.38	
USPI	Mildewcide	1 gal	\$89.00	10000	1	0	\$89.00	
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	0	0	\$0.00	
Barrier Guard	Surface leveler	5 gal	\$279.00	1200	2	0	\$558.00	
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	2	3	\$207.32	
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	9	3	\$1,256.25	
RM-6"	Parpet Detail	1 roll	\$59.00	175	0	0	\$0.00	
RM-12"	Joint Detail	1 roll	\$89.00	325	1	0	\$89.00	
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	3	10	\$567.00	
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	7	16.00	\$893.08	
RoofMate AR	Build coat	5gal Pail	\$144.00	400	6	10.00	\$810.00	
RoofMate AR	Top coat	5gal Pail	\$144.00	400	6	10.00	\$810.00	
			Total DFT of System:			49.00		
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.						\$375.00	
Notes:							Total: \$5,721.02	
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent								
Quantities are net and do not account for waste or substrate variation								

<b><i>Isla Paint &amp; Roofing Supply</i></b>							
PO Box 8960, Tamuning, Guam 96931							
Ph (671) 647-7870 Fax (671) 647-4285							
islapaint@islanders.guam.net							
United Coatings RoofMate Finishing System							
*****							
Date:	2/2/2011						
Sales Person:	Brian Kent						
Location	Guam						
TO:							
Attention:							
Project:	UOG Roofing						
Building:	<b>Agriculture &amp; Life Sciences Bldg</b>						
United Coatings	Roof Mate Acrylic Elastomeric					Quotation	
45-50 Mil 10 Year Product Warranty							
	<b>Product</b>	<b>Unit</b>	<b>Rate</b>	<b>Coverage</b>	<b>Qty</b>	<b>DFT</b>	<b>Total</b>
Roof Area	25,963	Includes for 500 sq.ft. for Gutters					
UCC	Surface cleaner	5gal Pail	\$249.00	10000	3	0	\$646.48
USPI	Mildewcide	1 gal	\$89.00	10000	1	0	\$89.00
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	0	0	\$0.00
Barrier Guard	Surface leveler	5 gal	\$279.00	1200	2	0	\$558.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	19	3	\$2,392.31
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	108	3	\$14,496.01
RM-6"	Parpet Detail	1 roll	\$59.00	175	3	0	\$177.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	7	0	\$623.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	26	10	\$4,907.01
RoofMate Base	Add for Batten Detail	5gal Pail	\$129.00	325	4	n/a	\$516.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	80	16.00	\$10,305.31
RoofMate AR	Build coat	5gal Pail	\$144.00	400	65	10.00	\$9,346.68
RoofMate AR	Top coat	5gal Pail	\$144.00	400	65	10.00	\$9,346.68
<b>Total DFT of System:</b>						<b>49.00</b>	
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.						\$375.00
Notes:							Total: \$53,778.47
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent							
Quantities are net and do not account for waste or substrate variation							

<b>Isla Paint &amp; Roofing Supply</b>							
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Ph (671) 647-7870 Fax (671) 647-4285							
islapaint@islanders.guam.net							
United Coatings RoofMate Finishing System							
							
Date:	2/2/2011						
Sales Person:	Brian Kent						
Location:	Guam						
TO:							
Attention:							
Project:	UOG Roofing						
Building:	<b>Science Building</b>						
United Coatings	Roof Mate Acrylic Elastomeric					Quotation	
45-50 Mil 10 Year Product Warranty							
	Product	Unit	Rate	Coverage	Qty	DFT	Total
Roof Area	13,800						
UCC	Surface cleaner	5gal Pail	\$249.00	10000	1	0	\$343.62
UCC	Surface cleaner	1 gal	\$59.00	2000	1	0	\$59.00
USP1	Mildewcide	1 gal	\$89.00	10000	2	0	\$178.00
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	0	0	\$0.00
Barrier Guard	Surface leveler	5 gal	\$279.00	1200	0	0	\$0.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	10	3	\$1,271.57
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	58	3	\$7,705.00
RM-6"	Parpet Detail	1 roll	\$59.00	325	3	0	\$177.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	1	0	\$89.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	14	10	\$2,608.20
RoofMate Base	Crack / Parapet	5gal Pail	\$129.00	325	2	n/a	\$258.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	42	16.00	\$5,477.54
RoofMate AR	Build coat	5gal Pail	\$144.00	400	35	10.00	\$4,968.00
RoofMate AR	Top coat	5gal Pail	\$144.00	400	35	10.00	\$4,968.00
Total DFT of System:						49.00	
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.						\$375.00
Notes:							Total: \$28,477.93
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent							
Quantities are net and do not account for waste or substrate variation							

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Ph (671) 647-7870 Fax (671) 647-4285							
islapaint@islanders.guam.net							
<b>United Coatings RoofMate Finishing System</b>							
*****							
Date:	2/2/2011						
Sales Person:	Brian Kent						
Location:	Guam						
TO:							
Attention:							
Project:	UOG Roofing						
Building:	<b>Computer Center / MARC</b>						
United Coatings	Roof Mate Acrylic Elastomeric					Quotation	
45-50 Mil 10 Year Product Warranty							
	<i>Product</i>	<i>Unit</i>	<i>Rate</i>	<i>Coverage</i>	<i>Qty</i>	<i>DFT</i>	<i>Total</i>
Roof Area	14,530 Computer Center: 7180sq.ft. + MARC: 7350 sq.ft.						
UCC	Surface cleaner	1 gal	\$59.00	2000	4	0	\$236.00
USPI	Mildewcide	1 gal	\$89.00	10000	1	0	\$89.00
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	1	0	\$89.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	10	3	\$1,338.84
RM-6"	Parpet Detail	1 roll	\$59.00	325	3	0	\$177.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	1	0	\$89.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	0	0	\$0.00
RoofMate Base	Crack / Parapet	5gal Pail	\$129.00	325	1	n/a	\$129.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	45	14.00	\$5,767.29
RoofMate AR	Build coat	5gal Pail	\$144.00	400	36	10.00	\$5,230.80
RoofMate AR	Top coat	5gal Pail	\$144.00	400	36	10.00	\$5,230.80
						<b>Total DFT of System:</b>	34.00
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.						\$375.00
Notes:						<b>Total:</b>	\$18,751.73
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent							
Quantities are net and do not account for waste or substrate variation							

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islapaint@islanders.guam.net							
<b>United Coatings RoofMate Finishing System</b>							
*****							
Date:	2/2/2011						
Sales Person:	Brian Kent						
Location:	Guam						
TO:							
Attention:							
Project:	UOG Roofing						
Building:	<b>Dean's Circle #6</b>						
United Coatings	Roof Mate Acrylic Elastomeric					Quotation	
45-50 Mil 10 Year Product Warranty							
	<b>Product</b>	<b>Unit</b>	<b>Rate</b>	<b>Coverage</b>	<b>Qty</b>	<b>DFT</b>	<b>Total</b>
Roof Area	13,800						
UCC	Surface cleaner	5gal Pail	\$249.00	10000	1	0	\$343.62
UCC	Surface cleaner	1 gal	\$59.00	2000	1	0	\$59.00
USPI	Mildewcide	1 gal	\$89.00	10000	2	0	\$178.00
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	0	0	\$0.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	10	3	\$1,271.57
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	58	3	\$7,705.00
RM-6"	Parpet Detail	1 roll	\$59.00	325	3	0	\$177.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	1	0	\$89.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	14	10	\$2,608.20
RoofMate Base	Crack / Parapet	5gal Pail	\$129.00	325	2	n/a	\$258.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	42	16.00	\$5,477.54
RoofMate AR	Build coat	5gal Pail	\$144.00	400	35	10.00	\$4,968.00
RoofMate AR	Top coat	5gal Pail	\$144.00	400	35	10.00	\$4,968.00
						<b>Total DFT of System:</b>	<b>49.00</b>
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.						\$375.00
Notes:							<b>Total:</b> \$28,477.93
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent							
Quantities are net and do not account for waste or substrate variation							

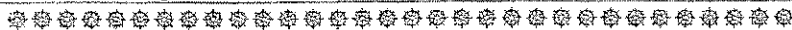
# Isla Paint & Roofing Supply

PO Box 8960, Tamuning, Guam 96931

Ph (671) 647-7870 Fax (671) 647-4285

islapaint@islanders.guam.net

## United Coatings RoofMate Finishing System



Date: 2/2/2011

Sales Person: Brian Kent

Location: Guam

TO:

Attention:

Project: UOG Roofing

### Dorm I ROTC Bldg

Building:

United Coatings Roof Mate Acrylic Elastomeric

Quotation

45-50 Mil 10 Year Product Warranty

Roof Area	Product	Unit	Rate	Coverage	Qty	DFT	Total
18,780	Includes 780 sq.ft. for gutter detail						
UCC	Surface cleaner	5gal Pail	\$249.00	10000	2	0	\$467.62
UCC	Surface cleaner	1 gal	\$59.00	2000	0	0	\$0.00
USPI	Mildewcide	1 gal	\$89.00	10000	2	0	\$178.00
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	1	0	\$89.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	13	1	\$1,730.44
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	78	3	\$10,485.50
RM-6"	Parpet Detail	1 roll	\$59.00	325	1	0	\$59.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	1	0	\$89.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	19	10	\$3,549.42
RoofMate Base	Crack / Parapet	5gal Pail	\$129.00	325	1	n/a	\$129.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	58	16.00	\$7,454.22
RoofMate AR	Build coat	5gal Pail	\$144.00	400	47	10.00	\$6,760.80
RoofMate AR	Top coat	5gal Pail	\$144.00	400	47	10.00	\$6,760.80

Total DFT of System: 49.00

Tech Rep Services Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.

\$375.00

Notes:

Total: \$38,127.80

Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent

Quantities are net and do not account for waste or substrate variation.

<b>Isla Paint &amp; Roofing Supply</b>							
PO Box 8960, Tamuning, Guam 96931							
Ph (671) 647-7870 Fax (671) 647-4285							
islapaint@islanders.guam.net							
United Coatings RoofMate Finishing System							
*****							
Date:	2/2/2011						
Sales Person:	Brian Kent						
Location:	Guam						
TO:							
Attention:							
Project:	UOG Roofing						
Building:	<b>Dorm II Iya Hamie Hall</b>						
United Coatings	Roof Mate Acrylic Elastomeric						Quotation
45-50 Mil 10 Year Product Warranty							
	<b>Product</b>	<b>Unit</b>	<b>Rate</b>	<b>Coverage</b>	<b>Qty</b>	<b>DFT</b>	<b>Total</b>
Roof Area	18,780	Includes 780 sq.ft. for gutter detail					
UCC	Surface cleaner	5gal Pail	\$249.00	10000	2	0	\$467.62
USPI	Mildewcide	1 gal	\$89.00	10000	2	0	\$178.00
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	1	0	\$89.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	13	1	\$1,730.44
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	78	3	\$10,485.50
Butter Grade	Detail Sealant	2 gal pail	\$84.00	n/a	3	0	\$252.00
RM-6"	Parpet Detail	1 roll	\$59.00	325	3	0	\$177.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	4	0	\$356.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	19	10	\$3,549.42
RoofMate Base	Cracks and Battens	5gal Pail	\$129.00	325	4	n/a	\$516.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	58	16.00	\$7,454.22
RoofMate AR	Build coat	5gal Pail	\$144.00	400	47	10.00	\$6,760.80
RoofMate AR	Top coat	5gal Pail	\$144.00	400	47	10.00	\$6,760.80
			<b>Total DFT of System:</b>			<b>49.00</b>	
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charge.						\$375.00
Notes:							Total: \$39,151.80
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent							
Quantities are net and do not account for waste or substrate variation							



<b><i>Isla Paint &amp; Roofing Supply</i></b>							
PO Box 8960, Tamuning, Guam 96931							
Ph (671) 647-7870 Fax (671) 647-4285							
islapaint@islanders.guam.net							
United Coatings RoofMate Finishing System							
*****							
Date:	2/2/2011						
Sales Person:	Brian Kent						
Location:	Guam						
TO:							
Attention:							
Project:	UOG Roofing						
Building:	<b>Dorm III Gumata Hall</b>						
United Coatings	Roof Mate Acrylic Elastomeric					Quotation	
45-50 Mil 10 Year Product Warranty							
	Product	Unit	Rate	Coverage	Qty	DFT	Total
Roof Area	18,780						
UCC	Surface cleaner	5gal Pail	\$249.00	10000	2	0	\$467.62
USPI	Mildewcide	1 gal	\$89.00	10000	2	0	\$178.00
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	1	0	\$89.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	13	1	\$1,730.44
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	78	3	\$10,485.60
Butter Grade	Detail Sealant	2 gal pail	\$84.00	n/a	2	0	\$168.00
RM-6"	Parpet Detail	1 roll	\$59.00	325	3	0	\$177.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	1	0	\$89.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	19	10	\$3,549.42
RoofMate Base	Cracks and Battens	5gal Pail	\$129.00	325	1	n/a	\$129.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	58	16.00	\$7,454.22
RoofMate AR	Build coat	5gal Pail	\$144.00	400	47	10.00	\$6,760.80
RoofMate AR	Top coat	5gal Pail	\$144.00	400	47	10.00	\$6,760.80
Total DFT of System:						49.00	
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.						\$375.00
Notes:							Total: \$38,413.80
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent							
Quantities are net and do not account for waste or substrate variation.							

<b><i>Isla Paint &amp; Roofing Supply</i></b>							
PO Box 8960, Tamuning, Guam 96931							
Ph (671) 647-7870 Fax (671) 647-4285							
islapaint@islanders.guam.net							
United Coatings RoofMate Finishing System							
*****							
Date:	2/2/2011						
Sales Person:	Brian Kent						
Location:	Guam						
TO:							
Attention:							
Project:	UOG Roofing						
Building:	<b>Health Science Building</b>						
United Coatings	Roof Mate Acrylic Elastomeric					Quotation	
45-50 Mil 10 Year Product Warranty							
	Product	Unit	Rate	Coverage	Qty	DFT	Total
Roof Area	16,577						
UCC	Surface cleaner	5gal Pail	\$249.00	10000	2	0	\$412.77
UCC	Surface cleaner	1 gal	\$59.00	2000	0	0	\$0.00
USPI	Mildewcide	1 gal	\$89.00	10000	2	0	\$178.00
Unicrete	Spall Repair	50 lb Bag	\$89.00	1200	20	0	\$1,780.00
Barrier Guard	Surface leveler	5 gal	\$279.00	1200	8	0	\$2,232.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	12	1	\$1,527.45
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	69	3	\$9,255.49
Butter Grade	Detail Sealant	2 gal pail	\$84.00	n/a	2	0	\$168.00
RM-6"	Parpet Detail	1 roll	\$59.00	325	5	0	\$295.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	2	0	\$178.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	17	10	\$3,133.05
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	51	16.00	\$6,579.79
RoofMate AR	Build coat	5gal Pail	\$144.00	400	41	10.00	\$5,967.72
RoofMate AR	Top coat	5gal Pail	\$144.00	400	41	16.00	\$5,967.72
					Total DFT of System:		49.00
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof						\$375.00
Notes:							Total: \$38,050.00
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent							
Quantities are net and do not account for waste or substrate variation							

<b><i>Isla Paint &amp; Roofing Supply</i></b>							
PO Box 8960, Tamuning, Guam 96931							
Ph (671) 647-7870 Fax (671) 647-4285							
Islapaint@islanders.guam.net							
United Coatings RoofMate Finishing System							
*****							
Date:	2/2/2011						
Sales Person:	Brian Kent						
Location:	Guam						
TO:							
Attention:							
Project:	UOG Roofing						
Building:	<b>Marine Lab Facility</b>						
United Coatings	Roof Mate Acrylic Elastomeric					Quotation	
45-60 Mil 10 Year	Product Warranty						
	Product	Unit	Rate	Coverage	Qty	DFT	Total
Roof Area	7,806						
UCC	Surface cleaner	5gal Pail	\$249.00	10000	1	0	\$194.37
UCC	Surface cleaner	1 gal	\$59.00	2000	0	0	\$0.00
USPI	Mildewcide	1 gal	\$89.00	10000	1	0	\$89.00
Barrier Guard	Surface leveler	5 gal	\$279.00	1200	3	0	\$837.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	6	1	\$719.27
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	33	3	\$4,358.35
Butter Grade	Detail Sealant	2 gal pail	\$84.00	n/a	2	0	\$168.00
RM-6"	Parpet Detail	1 roll	\$59.00	325	2	0	\$118.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	1	0	\$89.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	8	10	\$1,475.33
RoofMate Base	Cracks and Details	5gal Pail	\$129.00	325	1	n/a	\$129.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	24	16.00	\$3,098.38
RoofMate AR	Build coat	5gal Pail	\$144.00	400	20	10.00	\$2,810.16
RoofMate AR	Top coat	5gal Pail	\$144.00	400	20	10.00	\$2,810.16
	<b>Total DFT of System:</b>					<b>49.00</b>	
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.						\$375.00
Notes:						Total:	\$17,271.02
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent							
Quantities are net and do not account for waste or substrate variation							

<b><i>Isla Paint &amp; Roofing Supply</i></b>							
PO Box 8960, Tamuning, Guam 96931							
Ph (671) 647-7870 Fax (671) 647-4285							
islapaint@islanders.guam.net							
United Coatings RoofMate Finishing System							
*****							
Date:	2/2/2011						
Sales Person:	Brian Kent						
Location:	Guam						
TO:							
Attention:							
Project:	UOG Roofing						
Building:	<b>WERI Facility</b>						
United Coatings	Roof Mate Acrylic Elastomeric					Quotation	
45-50 Mil 10 Year Product Warranty							
	Product	Unit	Rate	Coverage	Qty	DFT	Total
Roof Area	9,080						
UCC	Surface cleaner	5gal Pail	\$249.00	10000	1	0	\$226.09
USPI	Mildewcide	1 gal	\$89.00	10000	1	0	\$89.00
Barrier Guard	Surface leveler	5 gal	\$279.00	1200	2	0	\$558.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	6	1	\$836.66
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	38	3	\$5,069.67
Butter Grade	Detail Sealant	2 gal pail	\$84.00	n/a	2	0	\$168.00
RM-6"	Parpet Detail	1 roll	\$59.00	325	2	0	\$118.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	1	0	\$89.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	9	10	\$1,716.12
RoofMate Base	Cracks and Details	5gal Pail	\$129.00	325	2	n/a	\$258.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	26	16.00	\$3,604.06
RoofMate AR	Build coat	5gal Pail	\$144.00	400	23	10.00	\$3,268.80
RoofMate AR	Top coat	5gal Pail	\$144.00	400	23	10.00	\$3,268.80
	Total DFT of System:					49.00	
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.						\$375.00
Notes:							Total: \$19,645.20
Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent							
Quantities are net and do not account for waste or substrate variation							

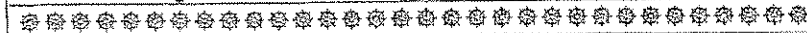
# Isla Paint & Roofing Supply

PO Box 8960, Tamuning, Guam 96931

Ph (671) 647-7870 Fax (671) 647-4285

islapaint@islanders.guam.net

## United Coatings RoofMate Finishing System



Date: 2/2/2011

Sales Person: Brian Kent

Location: Guam

TO:

Attention:

Project: UOG Roofing

Building: **RFK Library Roof**

United Coatings *Roof Mate Acrylic Elastomeric* Quotation

45-50 Mil 10 Year Product Warranty

	Product	Unit	Rate	Coverage	Qty	DFT	Total
Roof Area	33,266						
UCC	Surface cleaner	5gal Pail	\$249.00	10000	3	0	\$828.32
USPI	Mildewcide	1 gal	\$89.00	10000	4	0	\$356.00
Barrier Guard	Surface leveler	5 gal	\$279.00	1200	1	0	\$279.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	24	1	\$3,065.22
Unibase	Fabric-Adhesive	5gal Pail	\$134.00	240	139	3	\$18,573.52
Butter Grade	Detail Sealant	2 gal pail	\$84.00	n/a	3	0	\$252.00
RM-6"	Parpet Detail	1 roll	\$59.00	325	6	0	\$354.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	1	0	\$89.00
RM-40	Reinforcement Fabric	1 roll	\$19.00	1000	33	10	\$632.05
RoofMate Base	Cracks and Details	5gal Pail	\$129.00	325	2	n/a	\$258.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	102	10.00	\$13,204.04
RoofMate AR	Build coat	5gal Pail	\$144.00	400	83	10.00	\$11,975.76
RoofMate AR	Top coat	5gal Pail	\$144.00	400	83	10.00	\$11,975.76

Total DFT of System: 49.00

Tech Rep Services Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged. \$375.00

Notes:

Total: \$62,217.68

Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent

Quantities are net and do not account for waste or substrate variation

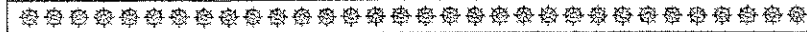
# Isla Paint & Roofing Supply

PO Box 8960, Tamuning, Guam 96931

Ph (671) 647-7870 Fax (671) 647-4285

islapaint@islanders.guam.net

## United Coatings RoofMate Finishing System



Date: 2/2/2011

Sales Person: Brian Kent

Location: Guam

TO:

Attention:

Project: UOG Roofing

Building:

### School of Education

United Coatings Roof Mate Acrylic Elastomeric

Quotation

45-50 Mil 10 Year Product Warranty

	Product	Unit	Rate	Coverage	Qty	DFT	Total
Roof Area	17,191	Includes for 3,325 sq.ft. of gutters					
UCC	Surface cleaner	5gal Pail	\$249.00	10000	2	0	\$428.06
USPI	Mildewcide	1 gal	\$89.00	10000	3	0	\$267.00
Barrier Guard	Surface leveler	5 gal	\$279.00	1200	1	0	\$279.00
Uniseal	Primer / Sealer	5gal Pail	\$129.00	1400	12	1	\$1,584.03
Unibase	Fabric Adhesive	5gal Pail	\$134.00	240	72	3	\$9,598.31
Butter Grade	Detail Sealant	2 gal pail	\$84.00	n/a	4	0	\$336.00
RM-6"	Parpet Detail	1 roll	\$59.00	325	6	0	\$354.00
RM-12"	Joint/Batten Detail	1 roll	\$89.00	325	12	0	\$1,068.00
RM-40	Reinforcement Fabric	1 roll	\$189.00	1000	17	10	\$3,249.10
RoofMate Base	Cracks and Details	5gal Pail	\$129.00	325	12	n/a	\$1,548.00
RoofMate Base	Base Coat	5gal Pail	\$129.00	325	*53	16.00	\$6,823.50
RoofMate AR	Build coat	5gal Pail	\$144.00	400	43	10.00	\$6,188.76
RoofMate AR	Top coat	5gal Pail	\$144.00	400	43	10.00	\$6,188.76
Total DFT of System:						49.00	
Tech Rep Services	Facility will have five (5) inspections to include: Preconstruction, Two during Application of roof coating, one pre-final, and one Final for Warranty Issuance. Additional inspections will be performed at the rate of \$75.00 @ hour with a minimum one hour charged.						\$375.00
Notes:							Total: \$38,287.52

Terms of Sale: 50% Deposit, Balance COD. Lead time required: 30-45 days. Prices are FOB: Guam. Coverage rates are per manufacturer's recommendations and do not include for waste. Typical waste factor: 5% - 7%. Quote valid for 60 days. Contact person: Brian Kent

Quantities are net and do not account for waste or substrate variation

## EXHIBIT DAS – 2

## Seth Forman

---

**From:** Brian Kent [islapaint@islanders.guam.net]  
**Sent:** Monday, March 21, 2011 8:29 AM  
**To:** 'asalazar'  
**Subject:** RE: List of United Coatings' Certified Applicators  
**Attachments:** RM 10 Year Limited Applicator Packet.pdf; Rm\_Con\_MG ALL WB 90.pdf

Hi Alex;

I am glad things are working out. URW is a very good company. Per the most recent UOG requests, please find attached the warranty explanation and product tech data sheets. URW should be able to provide you with the additional project information.

Regards,

Brian

**From:** asalazar [mailto:asalazar@jbmoderntech.com]  
**Sent:** Monday, March 21, 2011 8:24 AM  
**To:** 'Brian Kent'  
**Subject:** RE: List of United Coatings' Certified Applicators

Greetings Brian

Thank you for the information sent to me, we were able to contact George Ignacio of URW (one of the company listed as Isla Paint certified applicator), they tendered their willingness to provide to us support as sub-contractor for the UOG roofing project.

We request from your side, documents needed to submit to UOG in compliance to the requirements.

Your outmost assistance on this matter is greatly appreciated.

Best Regards  
Alexander Salazar  
J&B modern Tech  
Tel: 671-646 0588/3346/4435  
Mobile: 671-898 5336

**From:** Brian Kent [mailto:islapaint@islanders.guam.net]  
**Sent:** Saturday, March 19, 2011 10:32 AM  
**To:** asalazar@jbmoderntech.com  
**Subject:** FW: List of United Coatings' Certified Applicators

**From:** Brian Kent [mailto:islapaint@islanders.guam.net]  
**Sent:** Thursday, March 17, 2011 3:54 PM  
**To:** 'jbmotech@guam.net'  
**Subject:** List of United Coatings' Certified Applicators

Hi Alex;



As discussed please find listing of local United Coatings' Certified Applicators.

Please let me know if I can of further assistance.

Best regards,

Brian Kent

**ROOF MATE  
TEN (10) YEAR LIMITED PRODUCT  
WARRANTY EXPLANATION  
To The Building Owner**

The enclosed properly completed Warranty Request Form is required by UNITED COATINGS in order for the **ROOF MATE Ten (10) Year Limited Roofing Warranty** to be issued:

**1. The Warranty:**

This Warranty is a guarantee to the **Building Owner** that the protective coating system will not leak water over a 10-year period due to deterioration as the result of ordinary weather conditions. This Warranty is not to be used for any other purpose unless specifically approved in writing by an officer of UNITED COATINGS.

**2. Warranty Request Form:**

- A. When the job is completed, the Coating Contractor must submit the Warranty Request Form to UNITED Headquarters for issuance of the Warranty.
- B. The properly completed Warranty Request Form by the Contractor certifies the application to be in accordance with UNITED's current published application instructions.



LONGEVITY BY DESIGN®  
19011 E. Cataldo Ave. • Spokane Valley, WA 99016  
(509) 926-7143 • Fax: (509) 928-1116  
(800) 541-4383 • [www.unitedcoatings.com](http://www.unitedcoatings.com)

08-08-06  
W-055-01

MAIL TO:  
UNITED COATINGS  
19011 E. Cataldo  
Spokane Valley, WA 99016

Warranty Number: \_\_\_\_\_

Date: \_\_\_\_\_

ATTENTION WARRANTY DEPARTMENT

WARRANTY REQUEST FORM FOR  
TEN (10) YEAR LIMITED PRODUCT WARRANTY PROGRAM

1. Name of Project: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_
2. Name of Approved Contractor: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_
3. Name of Architect: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_
4. Owner of Building: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_  
Owner's Representative: \_\_\_\_\_
5. Area: \_\_\_\_\_ sq. ft.
6. Substrate: \_\_\_\_\_
7. Full fabric Used (Y/N): \_\_\_\_\_  
First Coat \_\_\_\_\_ Second Coat \_\_\_\_\_ Third Coat \_\_\_\_\_  
(Gallons) (Gallons) (Gallons)
8. Total Gallons Used: \_\_\_\_\_
9. Total Dry Film Thickness Required: \_\_\_\_\_ Actual Dry Film Thickness Achieved: \_\_\_\_\_
10. Date Application a. Commenced \_\_\_\_\_ b. Completed \_\_\_\_\_

I hereby certify that the above information is correct and that this coating application is in accordance with UNITED'S current published Application Instructions as stated. I agree to the terms and conditions of UNITED COATINGS' Ten (10) Year Limited Product Warranty which may be issued pursuant to this Warranty Request Form.

Approved Contractor

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Printed Name

Date on Roof Mate \_\_\_\_\_

Application Instructions on file: \_\_\_\_\_

# UNITED COATINGS ROOF MATE TEN (10) Year Limited Product Warranty

Name of Project \_\_\_\_\_ Date \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Owner's Representative \_\_\_\_\_ Contact Name \_\_\_\_\_ Title \_\_\_\_\_

Contractor \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

- A. UNITED COATINGS warrants to the Building Owner, that for a period of 10-years from date of completion, ROOF MATE will not leak water due to deterioration as the result of ordinary weathering. If the coating leaks as a result of ordinary weathering, UNITED will provide sufficient ROOF MATE to repair said leaks. This Warranty is expressly conditioned upon the Coating Applicator's obligation to apply the coating material in strict accordance with UNITED'S current published instructions covering surface preparation, coating application and precautions.
- B. UNITED COATINGS' liability to the Building Owner for any defect, failure, or deficiency which is covered by this warranty shall be expressly conditioned upon the Owner's obligation to notify UNITED within ten working days of the date that Owner discovers the defect. UNITED COATINGS shall then have the right to immediately inspect the defect, and if not given this right, the Warranty shall be terminated.
- C. UNITED COATINGS shall not be responsible for repairs made by others who are not authorized to make such repairs.
- D. This Warranty does not cover:
1. Damage to the coating, property, building or contents caused by fire, settlement, faulty construction or design, movement, misuse of structure, inadequate drainage or other failure of the structure.
  2. Damage to the coating due to natural causes, including but not limited to floods, lightning, hail, windstorms, cyclones, hurricanes, tornadoes, earthquakes, or other extraordinary or unusual events.
  3. Damage to the coating resulting from cracks or openings in the roof substrate.
  4. Physical damage caused by third parties or foreign objects or agents, including plant or animal life.
  5. Damage caused by repairs or alterations to, encroachment upon, or erection of any structure on the roof or any use of the roof other than for its intended purpose at the time the Warranty was issued.
  6. Color changes in the coating as the result of normal weathering or atmospheric conditions.
- E. If Coating Applicator fails to make payment to UNITED COATINGS and/or its Distributor, this Warranty shall be void.
- F. This Warranty is for the benefit of the Building Owner, and shall not be transferable or assignable to any other persons, firms or corporations without the prior express written consent signed by a duly authorized officer of UNITED COATINGS.
- G. UNITED COATINGS will not be liable for any direct, indirect, consequential, incidental, special, or general damage of any kind from whatever cause which may arise as the result of deterioration of said coating, except to supply all UNITED COATINGS material in accordance with the Warranty. This is the sole warranty issued by UNITED and is in lieu of all other warranties, express or implied, including warranties of merchantability or fitness for a particular use.
- H. This Warranty is effective upon receipt of fully executed copy at UNITED COATINGS, 19011 E. Cataldo, Spokane Valley, Washington 99016, fully filled out including issue number, executed by an authorized officer of UNITED COATINGS, the Certified Applicator and the Owner.

UNITED COATINGS  
Spokane Valley, Washington

Certified Applicator

Owner or Owner's Representative

Authorized Signature

Authorized Signature

Authorized Signature

Printed Name

Printed Name

Printed Name

Issue No. \_\_\_\_\_

Date: \_\_\_\_\_

Valid when copy of this Warranty, executed by all parties, is on file at UNITED COATING'S Warranty Department, Spokane Valley, Washington.

# ROOF MATE Over CONCRETE ROOFING MASTER GUIDE SPECIFICATION SECTION 07545

## 100% Acrylic Fluid-Applied Elastomeric Coating System

### PART 1 - GENERAL

#### 1.01 RELATED WORK SPECIFIED ELSEWHERE

- A. Rough Carpentry: Section 06100
- B. Board-Stock Roof Insulation: Section 07220
- C. Flashing & Sheet Metal: Section 07620
- D. Roof Accessories: Section 07800
- E. Prefabricated Expansion Joints: Section 07860
- F. Painting: Section 09900

#### 1.02 QUALITY ASSURANCE

- A. Qualifications of Contractor
  - 1. The Contractor shall be approved by the Coatings Manufacturer for application of its roof coating products, and shall have a minimum of three (3) years experience in the application of elastomeric roof coatings.
  - 2. The Contractor shall provide a list of project references similar in nature to the one proposed, including contact names and telephone numbers.
- B. Qualifications of Manufacturer
  - 1. Manufacturer of the fluid-applied elastomeric acrylic coating system shall have a proven 20 year track record of successful installations using 100% elastomeric acrylic technology in the roofing industry.
  - 2. Approved products shall be manufactured exclusively from Rohm and Haas 100% acrylic resins.
  - 3. Other Manufacturer's products shall be considered only after submittal of product data files supporting quality and full compliance with specifications herein. The Architect or Owner reserves the right to reject the substitution proposals should it be determined they do not provide all functions required for application.
- C. Testing & Labeling
  - 1. The elastomeric, 100% acrylic coating system must be U.L. 790 tested and classified as a Class A fluid-applied system for maintenance and repair of existing Class A, B or C roofing construction, and be subject to U.L. follow-up service. The acrylic coating shall also be approved and listed by Factory Mutual as an acceptable recoating system over existing roof substrates, as well as ICBO and Dade County.
  - 2. The Manufacturer shall also provide recognized, third party independent test results confirming the coating systems conformance to ASTM D6083.
  - 3. Individual container labels must include the Manufacturer's name, product name, type and class of material, U.L. sticker with classification issue number, Factory Mutual logo, ICBO report number, batch or lot number, mixing and application instructions, and precautions.

#### 1.03 SUBMITTALS

- A. Submit Manufacturer's literature, certificates and samples in a single package to the Architect or Owner in accordance with requirements specified in General Conditions and Division 1, General Requirements.
- B. Manufacturer's Literature: Literature on the protective coating, as well as related primers, sealants, reinforcement, etc., shall be submitted for review before work is started. Literature shall include material specifications, physical properties (including ASTM test methods utilized), Manufacturer's estimated application rate for required dry mil thickness per warranty requirements, current application instructions and MSDS.
- C. Applicator's Qualifications: Submit a copy of Approved Applicator letter and/or certificate as issued by the Manufacturer of the elastomeric acrylic coating system.
- D. Warranty: Submit a copy of the Coating Manufacturer's warranty to meet project specifications.

#### 1.04 PRODUCT DELIVERY, STORAGE & HANDLING

- A. Delivery of Materials: Materials shall be delivered to the jobsite in original, sealed containers with labels legible and intact.
- B. Storage of Materials: Materials shall be stored in an area specifically designed for that purpose, in accordance with Manufacturer's recommendations, where temperatures will not be less than 50°F (10°C) or higher than 100°F (38°C).
- C. Material Handling: Materials shall be handled and installed per Manufacturer's instructions and all applicable safety regulatory agencies.
- D. Damaged Materials: Contaminated, damaged or unsealed materials, or materials not conforming to the specified requirements shall not be used in the installation. Rejected containers shall be immediately removed from the jobsite and replaced at no additional cost to the Owner.

### 1.05 ENVIRONMENTAL CONDITIONS

- A. Install all materials in strict accordance with Manufacturer's published safety and weather precautions.
- B. Do not apply elastomeric acrylic coating system components when the ambient and/or surface temperature is below 50°F (10°C) or above 110°F (43°C), if any surface moisture is present, when the dew point is within 5°F (3°C) of the surface temperature or when there is a possibility of temperatures falling below 32°F (0°C) within a 24 hour period. Do not apply if weather conditions will not permit complete cure before rain, dew, fog or freezing temperatures occur. Do not spray apply if the wind velocity exceeds 10 mph (16 kph) without taking precautions to eliminate overspray.
- C. Take all measures necessary to protect unrelated surfaces from coating overspray or spillage.

### 1.06 FIELD QUALITY CONTROL

- A. The overall weather conditions, including surface temperature, surface moisture, ambient temperature, relative humidity and wind velocity shall be recorded by the Contractor, at designated time intervals, on the Daily Quality Control Report Form if so requested by the Architect or Owner.
- B. Verification of Protective Coating Thickness: The wet film thickness shall be measured and recorded daily, along with the quantity, batch numbers and total square feet applied, on the Daily Quality Control Form.

## **PART 2 - PRODUCTS**

### 2.01 DESCRIPTION

A seamless, fluid-applied acrylic membrane system designed for application over concrete roof substrates. Approved system shall be UNITED COATINGS' **ROOF MATE Concrete Roof Coating System** consisting of **ROOF MATE 100% Acrylic Single Component Elastomeric Roof Coating, ROOF MATE BUTTER GRADE and/or SEAMSEAL, ROOF MATE CAULK, UNI-CRETE and/or WALL-BOND, UNISEAL, UNIBASE Fabric Adhesive, ROOF MATE MESH, ROOF MATE FABRIC, ACRYSHEEN and UNITED CLEANING CONCENTRATE (UCC).**

### 2.02 MATERIALS

- A. Biodegradable Cleaner: **UNITED CLEANING CONCENTRATE (UCC)**, water-reducible non-phosphate cleaner, as supplied by Coating Manufacturer for use in cleaning concrete substrates prior to coating.
- B. Construction Grade Caulk: **ROOF MATE CAULK**, single package polyurethane sealant, as supplied by Coating Manufacturer for use in sealing cracks and seams, and at vertical/horizontal interfaces.
- C. Concrete Repair Material: **UNI-CRETE and/or WALL-BOND 70/90**, polymer concrete renovation and repair material, as supplied by Coating Manufacturer for use in filling voids, resurfacing spalled concrete surfaces and/or providing slope-to-drain as necessary to eliminate ponding water.
- D. Concrete Primer and Sealer: **UNISEAL**, water-based, single package penetrating epoxy, as supplied by Coating Manufacturer for use in priming and sealing chalky or dusted concrete surfaces.
- E. Fabric Adhesive: **UNIBASE**, single package acrylic, as supplied by Coating Manufacturer for use in adhering and embedding reinforcing fabric on detail areas or when reinforcing entire roof surface.
- F. Reinforcement Tape: **ROOF MATE MESH**, stitchbonded polyester, as supplied by Coating Manufacturer for reinforcing cracks, seams, vertical/horizontal interfaces and other detail areas.
- G. Reinforcement Fabric: **ROOF MATE FABRIC**, stitchbonded polyester fabric, as supplied by Coating Manufacturer for reinforcing large detail areas and for full fabric reinforcement.
- H. Fluid-Applied Reinforcement Mastic: **ROOF MATE BUTTER GRADE**, single package acrylic, or **SEAMSEAL**, single package polyurethane, as supplied by Coating Manufacturer for use as an alternative to **ROOF MATE Mesh** in reinforcing detail areas.
- I. Fluid-Applied Elastomeric Topcoat: **UNITED COATINGS' ROOF MATE**, 100% acrylic coating, as supplied by Coating Manufacturer to provide a seamless, weatherproof membrane over the existing concrete substrate.
- J. Self-Cleaning Topcoat (optional): **ACRYSHEEN**, clear, semi-gloss 100% acrylic sealer, as supplied Coatings Manufacturer for increased dirt release characteristics.

### 2.03 PERFORMANCE REQUIREMENTS - FLUID-APPLIED ELASTOMERIC COATING

Fluid-applied, 100% pure acrylic elastomeric topcoat in the specified finish color, shall be internally plasticized to provide a permanently flexible, weather-resistant topcoat. It shall possess a Class "A" fire rating, as tested and certified by UL 790, Factory Mutual and ICBO. Coating shall meet or exceed all properties specified in ASTM D6083, Table 1, "Liquid Property Requirements", and Table 2, "Film Physical Property Requirements for Acrylic Roof Coatings", as follows, and shall be verified by a certified independent testing agency.

<b>Viscosity</b>	85 to 141 KU (ASTM D562) 12,000 - 85,000 cps (ASTM D2196)	<b>Fungi Resistance</b>	Zero Rating (ASTM G21)
<b>Volume Solids</b>	>50% (ASTM D2697)	<b>Permeance</b>	Maximum 50 perms (17.2 x 10 <sup>-10</sup> kg/s·m <sup>2</sup> ·Pa) (ASTM D1653)
<b>Weight Solids</b>	>60% (ASTM D1644)	<b>Water Swelling</b>	Maximum 20% (mass) (ASTM D471)
<b>Initial % Elongation (break)</b>	Minimum 100% @ 73°F (23°C) (ASTM D2370)	<b>Accelerated Weathering</b>	No cracking/checking (ASTM D4798) (1000 hours)
<b>Initial Tensile Strength (minimum stress)</b>	Minimum 200 psi (1.38 MPa) @ 73°F (23°C) (ASTM D2370)	<b>Adhesion</b>	Minimum 2.0 pli (350 N/m) (wet) 4.0 pli (700 N/m) (dry) (ASTM C794 or D903)
<b>Final % Elongation (break) after 1000 hours accelerated weathering</b>	Minimum 100% @ 73°F (23°C) (ASTM D2370)	<b>Tear Resistance</b>	>60 lbf/in. (21 kN/m) (ASTM D624)
		<b>Low Temp Flexibility after 1000 hours</b>	Minimum pass ½ inch mandrel @ -15°F (-18°C) (ASTM D522)

### 2.04 SUBSTITUTIONS

Acrylic coatings extended with styrene, vinyl or other ingredients are not allowed. Materials such as cementitious coatings, ceramic-filled coatings, asphalt modified materials, moisture-cured urethanes, kraton based rubbers, Hypalons and butyls are not considered acceptable substitutes for materials specified herein.

## **PART 3 – EXECUTION**

### **3.01 SURFACE INSPECTION**

- A. Roof surfaces shall be clean, dry, structurally sound, stable and well secured.
- B. The roof surface shall be free of excessive ponding water. A roof surface that allows ponding water 48 hours after a rain shall be considered unacceptable. All water shall be allowed positive drainage from the roof.
- C. Inspect condition of flashing details adjacent to protrusions, penetrations, roof mounted equipment, curbs, walls, parapets, drains and roof edge to ensure that details are acceptable and will maintain a weather-tight installation after being properly reinforced and coated.
- D. Determine moisture content of existing concrete deck. A moisture content of 15% or greater indicates a potential problem. Work shall not proceed until the cause of high moisture content is verified and the condition is corrected.

### **3.02 SURFACE PREPARATION**

- A. All surfaces shall be clean and dry, and free of any dirt, dust, gravel, oil, surface chemicals or other contaminants that may interfere with optimum adhesion.
- B. Any unsound areas in the roof deck, including deterioration, pitted or spalled concrete, excessive moisture content, etc., shall be repaired or replaced.
- C. Fill any pits or holes in the concrete with **Uni-Crete**, **Wall-Bond 70**, **Wall-Bond 90** or other high strength, polymer concrete repair mix so they are flush with the surrounding substrate. Spalled sections of the concrete should be resurfaced using a slurry-coat of **Uni-Crete**, trowelled smooth over the affected area. **Uni-Crete** or **Wall-Bond** can also be used to build up low areas, providing positive slope-to-drain.
- D. All concrete surfaces, whether new or existing, shall be cleaned using **United Cleaning Concentrate (UCC)**. Dilute **UCC** at the rate of 1 part concentrate to 10 parts water. Apply the dilute mixture under low pressure spray at the rate of 200 sq. ft. per gallon (.2 l/m<sup>2</sup>). After allowing to sit for 15 to 20 minutes, rinse thoroughly with fresh water under high pressure (minimum 2,000 psi/13,790 kPa) to remove the solution from the roof. Heavy deposits of dirt or contamination may require agitation with a stiff-bristle broom or similar mechanical scrubber. Allow the roof to dry thoroughly.
- E. Concrete that is chalky or "punky" after cleaning shall be primed with one coat of **Uniseal**, applied at the rate of 250 to 300 sq. ft. per gallon (6.1 to 7.3 m<sup>2</sup>/l), to prime, seal and solidify the surface.
- F. Reinforce all vertical/horizontal interfaces, roof termination points, openings, around the base of all vent pipes and other protrusions, as well as HVAC units and other roof mounted equipment with either **ROOF MATE Mesh** embedded into **Unibase** or **ROOF MATE Basecoat**, or with **Seamseal** or **ROOF MATE Butter Grade**. Apply **Unibase** or **ROOF MATE Basecoat** liberally around the area to be reinforced with a brush or roller. While the material is still wet, embed a strip of 4" or 6" (10 or 15 cm) **ROOF MATE Mesh**, centered over the detail. Work mesh into the **Unibase** or **ROOF MATE Basecoat** using a brush or roller to eliminate air pockets, wrinkles and gaps, applying additional material as necessary to totally encapsulate the reinforcing fabric. If using **Seamseal** or **ROOF MATE Butter Grade**, apply liberally using a brush or roller to a thickness of 60 to 80 mils (1,524 to 2,032 microns) over the detail area, extending the sealant a minimum of 1" (2.5 cm) on either side of the detail. **ROOF MATE Butter Grade** must be applied in a minimum of 2 coats.
- G. Reinforce all "moving" cracks, seams and control joints by first filling the full length and depth with **Roof Mate Caulk**, tooled as necessary to ensure bonding. After the caulk has dried, applied 1½" bond-breaker tape (such as masking tape), centered over the caulk and extending a minimum of ½" (3 cm) on either side of the crack or control joint. Apply reinforcement over the top of the detail as described above under 3.02F.

### **3.03 ELASTOMERIC COATING APPLICATION**

- A. All roof preparation materials shall be allowed to dry thoroughly prior to application of the acrylic coating.
- B. Immediately prior to application of the acrylic coating system, all dust, dirt and other contaminants shall be blown off the roof surfaces to be coated using high pressure compressed air.

*Include the following paragraph only if a full fabric reinforced system is specified*

- C. Roof surfaces that exhibit a high degree of spalling and/or cracking can be detailed by embedding **ROOF MATE Fabric** over the entire surface. This is accomplished by applying 25 to 30 wet mils (620 to 762 microns) of **Unibase** to a small section of roof where the fabric reinforcement will begin. Embed and encapsulate the end of the **ROOF MATE Fabric** roll so that it is anchored at that point. Roll out 4 to 10 feet (1.2 to 2.5 m) of fabric at a time and either spray apply or pour **Unibase** evenly over the top side at the rate of 2 to 3 gallons per 100 sq. ft. (.8 to 1.2 l/m<sup>2</sup>), allowing the fabric to conform to the surface contours. Work the **Unibase** evenly throughout the fabric using a roller or broom so that it is totally encapsulated, eliminating any air pockets, wrinkles or gaps. Take extra care to ensure that edges of the fabric are well saturated and adhered. Overlap consecutive passes of **ROOF MATE Fabric** a minimum of 2" (5 cm) on each side. Substrate porosity and texture will determine the amount of **Unibase** required to encapsulate the reinforcing fabric. **ROOF MATE Basecoat** can also be used for encapsulating the reinforcement fabric, following the procedure described under Section 3.02 F above. Allow the **Unibase** or **ROOF MATE Basecoat** to dry thoroughly prior to applying the acrylic coating to the roof.
- D. Inspect parapets to ensure that concrete, masonry or metal caps are sound. Caulk, reinforce or replace as necessary in order to bring parapet and parapet cap into a weathertight condition.
- E. The entire roof substrate shall receive **ROOF MATE 100%** acrylic elastomer coating applied as follows:

*Include the following paragraphs only if specifying a 5-Year Standard Warranty  
without full fabric reinforcement\**

1. Apply **ROOF MATE** basecoat at a minimum rate of 1.6 gallons per 100 sq. ft. (.65 l/m<sup>2</sup>).
2. After allowing the basecoat to dry, apply **ROOF MATE** White (or other specified color) at a minimum rate of 1.6 gallons per 100 sq. ft. (.65 l/m<sup>2</sup>). Use a medium-nap roller or airless spray to apply the elastomeric coating. Application of the topcoat shall be in a perpendicular direction to the basecoat.
3. The total - basecoat/topcoat - minimum dry film thickness required at any location shall be 25 mils (620 microns).

*Include the following paragraphs only if specifying a 5-Year System or 10-Year Standard Warranty  
without full fabric reinforcement\**

1. Apply **ROOF MATE** basecoat at a minimum rate of 1.5 gallons per 100 sq. ft. (.6 l/m<sup>2</sup>).
2. After allowing the basecoat to dry, apply **ROOF MATE** Light Gray midcoat at a minimum rate of 1.25 gallons per 100 sq. ft. (.5 l/m<sup>2</sup>).
3. After allowing the midcoat to dry, apply **ROOF MATE** White (or other specified color) at a minimum rate of 1.5 gallons per 100 sq. ft. (.6 l/m<sup>2</sup>). Use a medium-nap roller or airless spray to apply the elastomeric coating. Apply consecutive coats of **ROOF MATE** in a perpendicular direction to the previous coat.
4. The total – basecoat/midcoat/topcoat – minimum dry film thickness required at any location is 33 mils (838 microns).

*Include the following paragraphs only if specifying a 15-Year Standard or 10-Year System Warranty  
without full fabric reinforcement\**

1. Apply **ROOF MATE** basecoat at a minimum rate of 1.5 gallons per 100 sq. ft. (.6 l/m<sup>2</sup>).
2. After allowing the basecoat to dry, apply **ROOF MATE** Light Gray midcoat at a minimum rate of 1.75 gallons per 100 sq. ft. (.7 l/m<sup>2</sup>).
3. After allowing the midcoat to dry, apply **ROOF MATE** White (or other specified color) at a minimum rate of 1.75 gallons per 100 sq. ft. (.7 l/m<sup>2</sup>). Use a medium-nap roller or airless spray to apply the elastomeric coating. Apply consecutive coats of **ROOF MATE** in a perpendicular direction to the previous coat.
4. The total – basecoat/midcoat/topcoat – minimum dry film thickness required at any location is 40 mils (1,016 microns).

*Include the following paragraphs only if specifying a 15-Year System Warranty  
without full fabric reinforcement\**

1. Apply **ROOF MATE** Gray basecoat at a minimum rate of 1.5 gallons per 100 sq. ft. (.6 l/m<sup>2</sup>).
2. After allowing the basecoats to dry, apply **ROOF MATE** Light Gray midcoat at a minimum rate of 1.5 gallons per 100 sq. ft. (.6 l/m<sup>2</sup>).
3. After allowing the midcoat to dry, apply 2 separate coats of **ROOF MATE** White (or other specified color) at a minimum rate of 1.5 gallons per 100 sq. ft. (.6 l/m<sup>2</sup>) each. Use a medium-nap roller or airless spray to apply the elastomeric coating. Apply consecutive coats of **ROOF MATE** in a perpendicular direction to the previous coat.
4. The total – basecoat/midcoat/topcoats – minimum dry film thickness required at any location is 48 mils (1,219 microns).

*\*Note: On applications incorporating full fabric reinforcement, chose the appropriate procedure above based on the desired warranty, and eliminate application of the 1<sup>st</sup> coat of ROOF MATE Basecoat*


- F. The **ROOF MATE** topcoat shall extend up and over the top of all parapets as well as all vent pipes, parapets and other protrusions to terminate a minimum of 3" (8 cm) above the substrate, creating a self-terminating flashing and to provide an aesthetically pleasing appearance.
- G. As an option on roofs located in industrial areas and/or subjected to high levels of pollutants, dirt, dust or other contaminants, apply a coat of **Acrysheen** at the rate of 200 to 250 sq. ft. per gallon (6.1 to 7.3 m<sup>2</sup>/l). **Acrysheen** imparts a slick, semi-gloss finish that aids in maintaining a clean surface.
- H. To provide a non-skid walk path on roofs subject to heavy foot traffic, demarcate walkways by applying an additional coat of **ROOF MATE**, using a medium-nap roller or airless spray, at the rate of 1 gallon per 100 sq. ft. (.4 l/m<sup>2</sup>) along the designated traffic area. While the coating is still wet, broadcast 3M #11 ceramic roofing granules to the point of refusal. **UNITED COATINGS' Rhino Top**, a non-skid colored acrylic topping, can also be used to demarcate walkways, as can **Wall-Bond** or breathable walk pads such as "Yellow Spaghetti".

### 3.04 CLEANUP

- A. Maintain work and work areas in a clean, safe condition at all times during coating installation. Remove excess materials, trash and debris from the jobsite daily.
- B. At the completion of the project, clean area of any spills and containers, and clean up all roofing debris, leaving jobsite in a clean and orderly condition.

### 3.05 WARRANTY

- A. Upon completion of the roof coating system, the Coating Manufacturer's Representative, Owner's Representative, Architect and Applicator shall make a final inspection to determine the dry film thickness of the fluid-applied acrylic membrane and to verify that the system meets the Manufacturer's requirements for warranty. The Contractor shall notify all interested parties in advance of said inspection.
- B. As a condition of the project's completion and acceptance, deliver to the Owner a copy of the fully executed, specified warranty from the Coating Manufacturer, following individual warranty guidelines.

 **UNITED  
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# UNITED CLEANING CONCENTRATE (UCC)

## ROOF, WALL & DECK SURFACE CLEANER

### Technical Data & Application Instructions

#### PRODUCT DESCRIPTION:

UNITED CLEANING CONCENTRATE (UCC) is a highly effective cleaning agent that, when combined with water, penetrates the existing coating or substrate and allows contaminants to be flushed from the surface. Formulated with penetrants from wetting agents and surfactants found in certain organic compounds, UCC performs at a very high level, with cleaning and pore-penetrating capabilities far exceeding most products available today. UCC is non-toxic and leaves no pollutants or contaminating by-products to damage the environment.

#### BASIC USES:

UNITED CLEANING CONCENTRATE (UCC) was especially developed for the proper cleaning of existing elastomeric coating on roofs, metal surfaces, concrete and masonry substrates, as well as uncoated roof, deck and wall surfaces. UCC has excellent cleaning capabilities with all types of coatings including acrylics, polyurethanes, silicones and Hypalon®. Because UNITED CLEANING CONCENTRATE (UCC) is 100% biodegradable, it can be washed off the surface without any harmful effects to the environment or ground vegetation. Properly applied, UCC penetrates the old coating, lifting oxidized material, dirt, grease, and other contaminants into suspension for easy flushing from the substrate, leaving behind an acceptable surface for (re)coating.

#### PACKAGING:

UNITED CLEANING CONCENTRATE (UCC) is packaged in 5-gallon (19 liter) pails and 55-gallon (209 liter) drums.

#### TYPICAL CHARACTERISTICS:

UNITED CLEANING CONCENTRATE (UCC) is completely non-toxic and will not harm the environment or its inhabitants. The UCC Material Safety Data Sheet (MSDS) supplies pertinent information and is considered an integral part of this document. UCC complies with all known VOC regulations and requirements.

#### ADVANTAGES OF UNITED CLEANING CONCENTRATE

- 1. 100% Biodegradable:**  
UNITED CLEANING CONCENTRATE (UCC) is 100% biodegradable, which allows for proper cleaning of substrates where washing with hazardous cleaning products would not be permitted prior to (re)coating.
- 2. Open Dry Time:**  
UNITED CLEANING CONCENTRATE (UCC) will remove dirt, pollutants and other contamination build-up even if the product dries prior to rinsing.
- 3. Environmentally Safe:**  
UNITED CLEANING CONCENTRATE (UCC) will not harm ground vegetation, water collection ponds, septic tanks or treatment plants even in its concentrated form, nor will accidental ingestion by animal life cause adverse side effects.
- 4. Agency Approvals:**  
UNITED CLEANING CONCENTRATE (UCC) meets all the requirements of U.S.D.A. and FDA standards, as well as all OSHA requirements.

## APPLICATION INSTRUCTIONS

1. For optimum results, **UNITED CLEANING CONCENTRATE (UCC)** should be diluted at a 1 to 10 ratio with water. Accordingly, 5-gallons (19 liters) should be mixed with 50-gallons (189 liters) of water in a 55-gallon (209 liter) drum.
2. Apply the diluted cleaning solution to the substrate under low pressure at the rate of 150 to 200 sq. ft. per gallon (4.6 to 6.1 m<sup>2</sup>/l). Allow the solution to stand for a minimum of 15 minutes. Low areas and depressions in the substrate having excessive dirt build-up may require additional solution and/or scrubbing with a stiff-bristled broom. Extremely stubborn areas may require treatment with a more concentrated dilution.
3. For best results, rinse the surface with water under high pressure, utilizing either conventional spray or pressure washing equipment. Attach a wand or extension to the high pressure hose and use a standard coating spray tip to achieve maximum cleaning of the substrate. Repeat rinsing as required to remove all cleaning solution.
4. Allow the substrate to completely dry prior to the application of any coating materials.

**UNITED COATINGS** requires thorough cleaning of existing substrates prior to the application of new elastomeric coatings. Accordingly, **UNITED COATINGS** strongly endorses the use of approved cleaning procedures for warranties issued by the manufacturer upon completion and acceptance of the project. **UNITED CLEANING CONCENTRATE (UCC)** is recommended in lieu of all other types of cleaning solutions, detergents, TSP or simple high pressure water washing.

### USE UNITED CLEANING CONCENTRATE TO CLEAN:

- Existing roof coatings
- Existing deck coatings
- Existing wall coatings
- Metal roof and wall surfaces
- Concrete deck surfaces
- Concrete and masonry wall surfaces

For additional information, guidelines or recommendations please contact **UNITED COATINGS'** Technical Service Department. For precautions consult product label and Material Safety Data Sheets.



*Our products are guaranteed to meet established quality control standards. Information contained in our technical data is based on laboratory and field testing, but is subject to change without prior notice. No guarantees of accuracy are given or implied, nor does UNITED assume any responsibility for coverage, performance or injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement or, if applicable, to the terms stated within the executed project warranty.*

# WALL-BOND 90

POLYMERIC BASECOAT & ADHESIVE

## Technical Data & Application Instructions

### PRODUCT DESCRIPTION

WALL-BOND 90 is a 100% acrylic polymer that, when mixed at the jobsite with Portland Cement and a small amount of water, forms a water-repellent base coat for use in conjunction with the UNI-TEX Exterior Wall System. WALL-BOND 90 can be used to embed UNI-TEX reinforcing mesh, or on its own either as a leveling compound or to adhere EPS board to various substrates. It trowels easily, filling and leveling irregular surfaces, yielding a durable, flexible finish.

### BASIC USES

WALL-BOND 90 was specifically developed for use as a base coat for embedding UNI-TEX Field Fabric in UNITED'S Exterior Insulation and Finish System (EIFS). It can also be used as an adhesive to affix insulation board to approved substrates, such as concrete, masonry and approved exterior wallboard products. WALL-BOND 90 can also be used to relevel, fill, renovate and/or re-surface these substrates.

### TYPICAL PROPERTIES

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| 1) Weight per Gallon (Density)..... | 12.8 lbs. ( $\pm$ .2) [ASTM D 1475] |
| 2) Tensile Strength.....            | 500 psi ( $\pm$ 50) [ASTM C 190]    |
| 3) Flexural Strength.....           | 1,300 psi ( $\pm$ 100) [ASTM D 790] |
| 4) Shearbond Adhesion.....          | 150 psi ( $\pm$ 50) [R&H Method]    |
| 5) Compressive Strength.....        | 5,700 psi ( $\pm$ 100) [ASTM C 109] |
| 6) Flash Point.....                 | 205°F (96°C) [ASTM D 56]            |
| 7) V.O.C. ....                      | 0.02 lb./gal. [EPA RM-24]           |
| 8) Pot Life.....                    | ~ 2 Hrs. @ 75°F (24°C), 50% R.H.    |
| 9) Shelf Life.....                  | One (1) Year From Date of Shipment  |

### PACKAGING & MIXING

WALL-BOND 90 is packaged in 5-gallon plastic pails containing 60 lbs. of acrylic polymer. To use, pour  $\frac{1}{2}$  of the contents (30 lbs.) into a second, clean 5-gallon container. To each container add approximately  $\frac{1}{3}$  bag (31 lbs.) of Type I or Type II Portland Cement, mixing constantly. Once blended, allow the mixture to stand for approximately five (5) minutes to allow the viscosity to stabilize. Mix once again to break the initial set, then slowly add water until the desired consistency is achieved. **Do not add more than  $\frac{3}{4}$  gallon of water**, as excess water will decrease the strength and vertical hold of the WALL-BOND 90. Likewise, do not add more than 33 lbs. of cement to the acrylic polymer in either container, as additional cement will decrease water resistance and flexibility properties, as well as the working time of the mixture.

## **APPLICATION**

All surfaces must be clean and dry, free of dirt, dust, oil, efflorescence, form or release agents, and other contaminants that may interfere with optimum adhesion. When applying **WALL-BOND 90** as a base coat, all insulation board irregularities greater than  $\frac{1}{16}$ " from plane must be sanded flush. Apply **WALL-BOND 90** to the entire surface of the insulation board at a thickness of approximately  $\frac{1}{16}$ ", or  $1\frac{1}{2}$  times the thickness of the Field Fabric being used. Trowel over the Field Fabric until it is completely encapsulated by the **WALL-BOND 90**. Any ridges or rough areas on the surface shall be removed with a rasp or heavy grit sandpaper after the **WALL-BOND 90** has thoroughly dried. The coverage rate will be approximately 110 sq. ft. per 5-gallon pail of blended material (30 lbs. of **WALL-BOND 90** mixed with 31 lbs. of Portland cement) when embedding standard Field Fabric. Since each 5-gallon pail of polymer mix will make 2 pails of blended material, each pre-blended pail of **WALL-BOND 90** will cover approximately 220 sq. ft. The overall minimum base coat thickness shall be sufficient to fully embed and encapsulate the mesh, so that no mesh is exposed once the **WALL-BOND 90** has dried. Areas requiring higher impact performance and/or using heavier mesh will require additional material.

When using **WALL-BOND 90** as an insulation board adhesive, apply the product using a stainless steel notched trowel ( $\frac{1}{2}$ " x  $\frac{1}{2}$ " x 2") to the entire back side of the insulation board. If using the "Ribbon and Dab" method to adhere the insulation board to the wall surface, apply 2" wide by  $\frac{3}{8}$ " thick ribbon around the entire perimeter of the insulation board. Place eight dabs of **WALL-BOND 90** mixture,  $\frac{3}{8}$ " thick by 4" in diameter, approximately 8" on center to the interior area of the board. Immediately place the insulation board onto the wall surface and slide into place, tightly abutting adjacent insulation boards, and taking care to ensure there is no **WALL-BOND 90** between the panels. Press firmly over the entire face of the insulation board to ensure maximum adhesion. Mechanical fasteners can be utilized to overcome any contours in the substrate, or if there is any doubt as to adequate initial bond. When using the recommended notched trowel, one pail of blended material will adhere approximately 30 sheets of 2' x 4' insulation board. However, if using the ribbon and dab method, one blended pail will adhere approximately 23 sheets of 2' x 4' insulation board.

The workable pot life of **WALL-BOND 90** is approximately 2 hours, depending upon ambient conditions, including temperature and humidity. **WALL-BOND 90** should be protected from rain or other adverse weather conditions for a period of 24 hours or until thoroughly dry. Complete cure will require approximately 28 days.

Clean tools and equipment, as well as any adjacent areas to which the **WALL-BOND 90** is inadvertently applied, with water while the material is still wet.

## **LIMITATIONS & PRECAUTIONS**

**WALL-BOND 90** will freeze and become unusable at temperatures below 32°F (0°C). Do not ship or store without protection from freezing. Do not apply at ambient temperatures below 40°F (4°C) or when the surface temperature is below 40°F (4°C).

Avoid contact with eyes and skin. For additional information on safety requirements, refer to OSHA guidelines and **WALL-BOND 90** Material Safety Data Sheet.



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Our products are guaranteed to meet established quality control standards. Information contained in our technical data is based on laboratory and field testing, but is subject to change without prior notice. No guarantees of accuracy are given or implied, nor does UNITED assume any responsibility for coverage, performance or injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement or, if applicable, to the terms stated within the executed project warranty.

# UNIBASE

ACRYLIC FABRIC ADHESIVE  
BASECOAT & PRIMER

## Technical Data & Application Instructions

### PRODUCT DESCRIPTION

UNIBASE is a low viscosity, highly penetrating, 100% acrylic polymer adhesive and primer that develops a tenacious bond to existing roof substrates. It was designed to penetrate and adhere reinforcement fabrics where required, as well as act as a bonding primer to enhance the adhesion of **Roof Mate** topcoats over built-up, modified bitumen, wood, concrete or previously coated surfaces. UNIBASE forms a flexible, waterproof base for applying the **Roof Mate** finish coats. It is an easy to apply, cost effective method of securing reinforcing fabric over surfaces prone to structural movement, allowing the stress to be distributed over a broader area of the roof coating system. It also wets into existing substrates or existing coatings to lock down residual dust or contamination, thereby maximizing adhesion of the subsequent acrylic topcoat. UNIBASE also blocks the migration of asphaltic oils, so that the **Roof Mate** finish coats can be applied without risk of the bleed-through problems often associated with conventional roof coating systems. UNIBASE is available in standard translucent green color.

### APPLICATION


Surfaces shall be clean and dry, and free of dirt, dust, loose granules, pollution fallout or other contamination. Thoroughly mix containers to achieve an even consistency prior to use. When utilizing UNIBASE to embed reinforcing fabric, first apply UNIBASE to a small section of roof where the fabric reinforcement will begin. Embed and encapsulate the end of the **Roof Mate Fabric** roll so that it is anchored at that point. Roll out 4 to 10 feet (1 to 3 meters) of fabric at a time and either spray apply or pour UNIBASE evenly over the top side at the rate of 2 to 3 gallons per 100 sq. ft. (.8 to 1.2 l/m<sup>2</sup>), allowing the fabric to conform to the surface contours. Work the UNIBASE evenly throughout the fabric using a broom or roller so that it is totally encapsulated, eliminating any air pockets, wrinkles or gaps. Take extra care to ensure that edges of the fabric are well saturated and adhered. Overlap consecutive passes of **Roof Mate Fabric** a minimum of 2" (5 cm) on each side. When used as a primer or basecoat, apply UNIBASE at the rate of approximately 100 to 200 sq. ft. per gallon (2.4 to 4.9 m<sup>2</sup>/l) to the properly prepared surface. Substrate porosity and texture will determine the amount of UNIBASE required to encapsulate the reinforcing fabric or prime the surface. Allow UNIBASE to dry thoroughly prior to topcoating.

### TYPICAL PROPERTIES

Tensile Strength (ASTM D412)	-----	1,000 psi (6.9 MPa) (±50)
Elongation (ASTM D412)	-----	650% (±50)
Interply Adhesion (Dry) @ 70°F (ASTM D903)	-----	20 pli (±2)
Interply Adhesion (Wet) @ 70°F (ASTM D903)	-----	20 pli (±2)
Dry Time (ASTM D1640)	-----	2 to 3 hours @ 70°F, 50% R.H.
Surface Tack	-----	Slight

### PRECAUTIONS

UNIBASE will freeze and become unusable at temperatures below 32°F (0°C). Do not apply at temperatures below 45°F (7°C). Do not apply if weather conditions will not allow the UNIBASE to dry before rain, dew or freezing temperatures occur. For additional information refer to the MSDS, or contact UNITED COATINGS' Technical Service Department. Avoid contact with eyes and mucous membranes. If material comes in direct contact with skin, wash immediately with soap and water.

**UNITED  
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Our products are guaranteed to meet established quality control standards. Information contained in our technical data is based on laboratory and field testing, but is subject to change without prior notice. No guarantees of accuracy are given or implied, nor does UNITED assume any responsibility for coverage, performance or injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement or, if applicable, to the terms stated within the executed project warranty.

UNITED COATINGS  
Roof Coatings Division  
19011 E. Cataldo Ave. Spokane Valley, WA 99016  
7 ACRYLIC FABRIC ADHESIVE, BASECOAT & PRIMER  
Technical Data & Application Instructions

# ROOF MATE

REINFORCING FABRIC & MESH

## Technical Data & Application Instructions

### PRODUCT DESCRIPTION

ROOF MATE FABRIC and ROOF MATE MESH are stitchbonded, 100% polyester materials made specifically for use with elastomeric coatings in roof membrane construction. Stitchbonded polyester is one of the strongest fabrics available for adding reinforcement to seams, splits, joints, cracks, protrusions and flashings. ROOF MATE FABRIC and ROOF MATE MESH offer an unusual combination of high strength properties and good elongation for excellent thermal stress resistance. The fabric is very pliable and is designed to conform to irregular and dissimilar surfaces more easily than other soft fabrics. ROOF MATE FABRIC and ROOF MATE MESH both have high absorption capability, allowing them to easily wet into and become encapsulated by the liquid roofing membrane, forming tough, waterproof details or overall reinforcement.

### BASIC USES

ROOF MATE FABRIC is designed to reinforce large roof areas that are heavily alligatored or contain numerous cracks, seams, joints or splits. ROOF MATE MESH is used to reinforce detail areas such as seams, splits, drains, vents and other protrusions through the roof surface.

### PACKAGING

ROOF MATE FABRIC is supplied in 40" (1 m) width by 124' (39 m) length rolls designed to cover 1,000 sq. ft. (93 m<sup>2</sup>) including a 2" (5 cm) overlap. ROOF MATE MESH is available in 4" (10 cm), 6" (15 cm) and 12" (30 cm) width by 300' (91 m) length rolls.

### APPLICATION

All surfaces must be dry and free from dirt, dust, grease, oil, pollution fallout and any other contaminants that may interfere with proper adhesion. ROOF MATE FABRIC is embedded into a wet base coat of ROOF MATE, Roof Mate Basecoat, Roofshield or other elastomeric basecoat applied at 1 to 2 gallons per 100 sq. ft. (.4 to .8 l/m<sup>2</sup>), depending on the surface profile. The fabric is worked into the basecoat with a broom or roller so that it is completely saturated. It is then topcoated with additional coating at 1 to 1.5 gallons per 100 sq. ft. (.4 to .6 l/m<sup>2</sup>) to totally encapsulate the fabric. Overlap edges of fabric a minimum of 2" (5 cm) on each edge. If using Unibase to encapsulate the ROOF MATE FABRIC, it is applied at the rate of 2 to 4 gallons per 100 sq. ft. (.8 to 1.6 l/m<sup>2</sup>), by airless spray or roller, from the top side of the fabric. Distribute the Unibase evenly throughout the fabric using a broom or roller, eliminating any wrinkles, gaps or air pockets. ROOF MATE MESH is installed as required after application of any primers or caulks, and prior to application of the coating on the field of the roof. Cut the mesh to the desired length. On the bottom half of mesh used around vent pipes and other circular protrusions so that it lies flat. Utilizing a roller or brush, apply a 6 to 14 (1.5 to 3.5 cm) inch wide strip-coat of coating, depending on mesh width, at 15 to 20 mils (381 to 508 microns) thick over areas to be treated. Immediately embed mesh into wet coating and work it with a brush or roller so that it is saturated with coating. Apply an additional 15 to 20 wet mils (381 to 508 microns) over the top to completely encapsulate the mesh. ROOF MATE MESH shall be N'd or heat-melted when applied over fastener heads on metal roofs so that it lies flat. All reinforcement fabric shall be 100% adhered to the substrate, with no tenting or air pockets.

### TYPICAL PROPERTIES

Fabric Weight: .....	4.07 per square yard [ASTM D3776]
Mullen Bursting Strength: .....	144 lbs. per square inch [ASTM D3786]
Tear Strength (Trapezoid): .....	16 lbf length, 24 lbf width [ASTM D5733]
Breaking Force (1" cut strip): .....	42 lbf length, 27 lbf width [ASTM D5535]
Elongation at Break (1" cut strip): .....	28% length, 61% width [ASTM D5535]



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REINFORCING FABRIC & MESH  
Technical Data & Application Instructions

# ROOF MATE BASECOAT

HIGH SOLIDS 100% ACRYLIC ELASTOMER

## Technical Data & Application Instructions

### PRODUCT DESCRIPTION

ROOF MATE BASECOAT is a 60% volume solids, water-based acrylic elastomer coating utilizing the latest advances in acrylic technology. It combines 100% acrylic emulsion polymers with reinforcing laminar pigments, powerful biocides and non-migrating fire retardants for superior physical properties, adhesion, durability, weatherproofing, mildew resistance and fire retardancy. The fire retardant chemicals are permanently locked into the cured coating and will not leach out upon extended weathering. ROOF MATE BASECOAT is a "breathing" coating, allowing moisture vapor to pass through the film while remaining impervious to mass water penetration.

### BASIC USES

ROOF MATE BASECOAT was especially developed for use in embedding reinforcement fabric at detail areas and/or over the entire roof. It is also used for achieving film build prior to topcoating with ROOF MATE Finish Coat. It is formulated to achieve superior adhesion over metal, conventional built-up, modified bitumen, single ply, concrete and concrete tile, board-stock and sprayed-in-place polyurethane foam, and composite shingle roof substrates. ROOF MATE BASECOAT forms a waterproof elastomeric seal, uniformly covering the textured profile of these substrates.

### COLORS

ROOF MATE BASECOAT is available in standard medium gray color, which provides for a high visual contrast with the application of the subsequent ROOF MATE Finish Coat. The finish coat is available in White, Light Gray, Medium Gray and an unlimited selection of custom colors to meet specific project requirements. Color chips or samples must be furnished to UNITED for all custom colors.

### PACKAGING

ROOF MATE BASECOAT is a single-component material available in 5-gallon (19 liter) pails and 55-gallon (209 liter) drums.

### MIXING

Use a power mixer capable of uniformly mixing the entire container prior to use. ROOF MATE BASECOAT is easily pumped and sprayed at material temperatures of 60°F (16°C) or greater. **Reducing the mixture is not recommended**, as it affects the coatings ability to achieve a heavy film build with excellent vertical hold and hide.

### SURFACE PREPARATION

All surfaces must be clean and dry, and free of any dirt, dust, oil, surface chemicals or other contaminants that may interfere with optimum adhesion. All loose gravel, if present, shall be removed by power sweeping and/or vacuuming. Remaining gravel shall be power spud to achieve the smoothest surface possible. Any unsound areas in the roof, i.e. blisters, delamination, deterioration, moisture saturation, severe corrosion, sharp projections, ridges, etc. shall be repaired or replaced. New asphalt shall be exposed to ambient conditions for 45 to 60 days before coating.

Deteriorated or badly corroded metal shall be replaced. Rusted areas shall be mechanically abraded to remove all loose rust and then primed with UNITED'S Acrylex 300 or Alumiseal. New metal roofs exhibiting any type of surface film shall be washed with a vinegar or muriatic acid solution or equivalent to totally remove this film.

Low areas that hold excessive ponding water must be brought into conformance by installing additional drains or adding additional slope to existing drains.

Surfaces that are contaminated with oil, grease, embedded dirt, loose paint or coating, etc. shall be cleaned using **United Cleaning Concentrate (UCC)**. High-pressure power washing may be necessary to remove tightly adhering contaminants. Power-rinse thoroughly with clean water to remove all traces of the UCC cleaner. If roof does not require chemical cleaning, thoroughly sweep, vacuum or blow down roof to remove any dirt, dust or other loose contaminants. Refer to separate **Roof Mate Master Guide Specifications** for complete surface preparation procedures on the specific substrate being coated.

## APPLICATION

Reinforce all "moving" cracks, seams, splits, control joints, vertical/horizontal interfaces, roof termination points, openings, transition areas, around the base of all vents pipes and other protrusions, as well as around HVAC units and other roof mounted equipment with **ROOF MATE Mesh**, a polyester reinforcement fabric, embedded into **ROOF MATE BASECOAT**.

Pre-measure the area to be reinforced and cut a strip of 4", 6" or 12" (10, 15 or 20 cm) **ROOF MATE Mesh** (depending upon the detail) to the desired length. Apply **ROOF MATE BASECOAT** liberally over the area to be detailed, at a minimum rate of 1.5 gallons per 100 sq. ft. (.6 l/m<sup>2</sup>), and embed the mesh so that it is centered over the detail area. Using a brush or roller, work the **ROOF MATE Mesh** into the **ROOF MATE BASECOAT** to eliminate air pockets, wrinkles and gaps. Apply additional **ROOF MATE BASECOAT** as necessary, at a minimum of 1 gallon per 100 sq. ft. (.4 l/m<sup>2</sup>), to ensure that the **ROOF MATE Mesh** is thoroughly saturated, encapsulated and fully adhered to the substrate.

When incorporating **ROOF MATE Fabric** for reinforcement of the entire roof, apply **ROOF MATE BASECOAT** at the rate of 1.5 gallons per 100 sq. ft. (.6 l/m<sup>2</sup>) to a 4' (1.2 m) wide section of roof where the fabric reinforcement will begin. Embed and encapsulate the end of the reinforcement fabric roll so that it is anchored at that point.

Roll or spray-apply **ROOF MATE BASECOAT** to a section of roof 4 to 10 feet (1.2 to 3 meters) beyond the fabric at the rate of approximately 1.5 gallons per 100 sq. ft. (.6 l/m<sup>2</sup>). Roll the reinforcement fabric over the wet **ROOF MATE BASECOAT**, allowing the fabric to conform to the surface contours. To ensure complete encapsulation of the fabric, it must be rolled into the **ROOF MATE BASECOAT** while it is still wet. Do not allow the **ROOF MATE BASECOAT** to surface skin prior to rolling out the fabric.

Work the **ROOF MATE BASECOAT** evenly throughout the **ROOF MATE Fabric** so that it is totally saturated, eliminating any air pockets, wrinkles or gaps. Apply an additional coat of **ROOF MATE Gray** over the top of the saturated **ROOF MATE Fabric** at the rate of approximately 1 gallon per 100 sq. ft. (.4 l/m<sup>2</sup>) so that it is totally encapsulated. Take extra care to ensure that edges of the fabric are well saturated and adhered. Overlap consecutive passes of **ROOF MATE Fabric** a minimum of 2" (5 cm) on each side.

Substrate porosity and texture will determine the amount of **ROOF MATE BASECOAT** required to encapsulate the reinforcing fabric. Allow the **ROOF MATE BASECOAT** to dry thoroughly prior to applying **ROOF MATE Finish Coat** to the roof.

## APPLICATION (Continued)

When using **ROOF MATE BASECOAT** to achieve film build prior to application of the **ROOF MATE Finish**, apply at the rate of 1 to 1½ gallons per 100 sq. ft. (.4 to .6 l/m<sup>2</sup>) per coat to achieve the desired film thickness.

**ROOF MATE BASECOAT** may be applied by airless spray equipment or roller. Brush or roller may be used for touch-up and edging work, or for small areas that are not practical for spray application. Airless spray is best suited for field application.

**ROOF MATE BASECOAT** can be used to obtain up to ½ of the total dry film thickness requirement specified. However, under no circumstances should the subsequent **ROOF MATE Finish** be less than 12 dry mils in thickness at any location.

## LIMITATIONS & PRECAUTIONS

**ROOF MATE BASECOAT** should generally not be used over cold storage tanks or buildings where a vapor barrier is required. **ROOF MATE BASECOAT** will freeze and become unusable at temperatures below 32°F (0°C), or when there is a possibility of temperatures falling below 32°F (0°C) within a 24-hour period after application.

**ROOF MATE BASECOAT** requires complete evaporation of water to cure. Cool temperatures and high humidity retard cure. **Do not apply if weather conditions will not permit complete cure before rain, dew, fog or freezing temperatures occur.** Do not apply in the late afternoon if heavy moisture condensation may appear during the night.

**ROOF MATE BASECOAT** may be applied to a wide range of clean, dry and structurally sound substrates. Slope for positive drainage is recommended for any roofing application. It is the responsibility of the applicator to ensure that the roof is sound and sloped properly, and that the expansion joints, vents and flashings have been installed as specified or required.

Avoid breathing of vapor or spray mist. For exterior applications, approved (MSHA/NIOSH) chemical cartridge respirator must be worn by applicator and personnel in vicinity of application. Check filters frequently to ensure proper protection. If used indoors, provide mechanical exhaust ventilation. During indoor spray operations, air line masks or positive pressure hose masks must be worn. Avoid contact with eyes and contact with skin.

For specific information on safety requirements. Refer to OSHA guidelines and **ROOF MATE BASECOAT** Material Safety Data Sheet.



Our products are guaranteed to meet established quality control standards. Information contained in our technical data is based on laboratory and field testing, but is subject to change without prior notice. No guarantees of accuracy are given or implied, nor does UNITED assume any responsibility for coverage, performance or injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement or, if applicable, to the terms stated within the executed project warranty.



# ROOF MATE

THE ROOF PRESERVATION SYSTEM  
Meets Federal Specification RRR-S-2838 & ASTM D6083

## Technical Data

### PRODUCT DESCRIPTION

ROOF MATE is a water-based, high solids elastomeric coating utilizing the latest advances in acrylic technology. Highest quality 100% acrylic resins are combined with reinforcing laminar pigments, an effective biocide package and non-migrating fire retardants, resulting in superior durability, weatherproofing, ultraviolet resistance, algae/mildew resistance and fire retardancy. ROOF MATE is a highly reflective, permanently flexible "breathing" membrane, allowing moisture vapor from the substrate or building interior to escape while remaining impervious to mass water penetration from the exterior. ROOF MATE is also available in a high-tensile strength version for roof areas subject to severe maintenance traffic, weather conditions, chemical fallout, etc.

### BASIC USES

ROOF MATE was especially developed for extending the life of metal, conventional built-up, modified bitumen, concrete, Hypalon, EPDM, sprayed-in-place or board-stock insulation, or composite shingle roofs. ROOF MATE forms a waterproof elastomeric seal, uniformly covering the textured profile of various substrates to form a monolithic membrane, providing protection from normal weathering, aging and ultraviolet exposure.

### COLORS

ROOF MATE is stocked in White, Light Gray or Medium Gray. An unlimited selection of custom colors are also available for specific applications. Color chips must be furnished to UNITED for all custom colors. ROOF MATE QS (Quick Set) is available for marginal conditions when a faster set time is desired with white or light colored topcoats.

### WARRANTY

ROOF MATE warranties are available in five (5), ten (10) or fifteen (15) year periods. The warranties guarantee the installation against leaks caused by normal weathering. Refer to individual warranty documents for additional information.

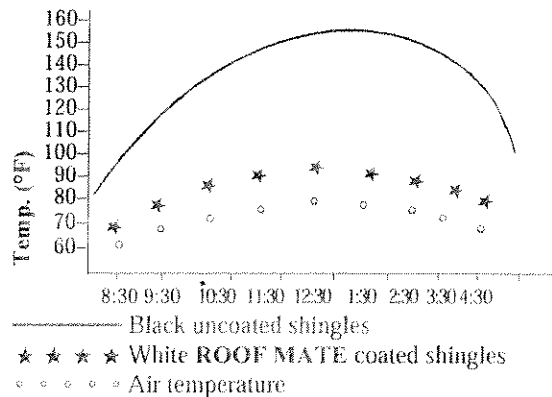
### TYPICAL PROPERTIES

1. **Solids by Weight:**  
60% ( $\pm 2$ ) [ASTM D2369]
2. **Solids by Volume:**  
54% ( $\pm 2$ ) [ASTM D5201]
3. **Weight per Gallon:**  
11.8 lbs. ( $\pm 2$ ) (1.41 kg/l) [ASTM D1475]
4. **Dry Time for Water Resistance:**\*  
2½ hours @ 70°F (21°C), 50% R.H.  
White @ 16 wet mils (406 microns)  
\*Required time will increase @ higher humidities
5. **Tensile Strength:**  
250 psi ( $\pm 20$ ) (1.80 MPa) @ 75°F (24°C)  
440 psi ( $\pm 20$ ) (3.17 MPa) @ 0°F (-18°C)  
[ASTM D412] \*
6. **Elongation:**  
300% ( $\pm 30$ ) @ 75°F (24°C)  
340% ( $\pm 30$ ) @ 0°F (-18°C)  
[ASTM D412]
7. **Hardness:**  
55-65 Shore A [ASTM D2240]
8. **Permeance:**  
3.0 U.S. perms (1.98 Metric Perm)  
@ 20 mils (508 microns) [ASTM E96]
9. **Ultraviolet Resistance:**  
No deleterious effects after 5,000 hours  
[ASTM D822, ASTM G23]
10. **Weather Resistance:**  
No deleterious effects after 5,000 hours  
[ASTM D822, ASTM G23]
11. **High Temperature Stability:**  
No age hardening up to 250°F (121°C)  
[ASTM D794]
12. **Resistance to Wind Driven Rain:**  
0.3% moisture result  
[Federal Specification TTC-555B]
13. **Bond Strength:**  
Exceeds cohesive strength of coating  
[ASTM C297]
14. **Temperature Limits for Service Conditions (Surface):**  
-30°F to 180°F (-35°C to 82°C)
15. **Code Approvals:**  
UL 790 Class A, Factory Mutual Class I and ICBO

## ADVANTAGES OF ROOF MATE

The Following Advantages Combine To Make ROOF MATE The Most Effective, Low-Cost Method Of Extending The Life Of New Or Existing Roof Surfaces.

- 1. Low Cost Application:**  
Fewer men can do the work that used to require many, at a fraction of the cost of other roofing systems. No bulky or expensive materials to haul, lift, spread, cut or glue. Simply apply ROOF MATE using a brush, roller or spray over the properly prepared roof substrate. Water cleanup further simplifies the job, which also conforms to all federal and state air pollution standards and VOC regulations.
- 2. Fast Application:**  
Roofs protected with ROOF MATE can be prepared and coated significantly faster than applying conventional built-up or single-ply systems.
- 3. High Solids and Resin Content:**  
The high volume solids of ROOF MATE, along with its high hide and vertical hold characteristics, allows for higher film build in fewer coats. This enables ROOF MATE to uniformly cover the uneven profile of textured substrates. The high ratio of 100% elastomeric acrylic polymer to filler pigment provides long-term weathering and ultraviolet resistance.
- 4. Lightweight:**  
A ROOF MATE roof is lighter than conventional and single-ply systems, putting less stress on the rest of the building. No glue, fasteners or heavy ballasting is required.
- 5. Permanent Flexibility:**  
ROOF MATE contains no migratory plasticizers, which may give good initial elasticity but leach out of the coating upon extended exterior exposure. ROOF MATE remains permanently flexible through the use of high grade, 100% elastomer acrylic polymers.
- 6. Colorfast:**  
The acrylic resins utilized in ROOF MATE crosslink under exterior exposure to lock in color and lock out dirt. The topcoat color remains true through years of weathering, while the tight, crosslinked surface repels dirt to remain clean.
- 7. Low Maintenance Costs:**  
With a ROOF MATE roof there is no asphalt to degrade, metal to corrode or seams to come apart. It is formulated to remain flexible to -30°F without cracking under stress, and is impervious to minor ponding water associated with most roofs. When maintenance is required, the repair is accomplished with the use of an acrylic caulk or touch-up with additional ROOF MATE.
- 8. Resists Abusive Weather:**  
ROOF MATE will take abusive weather conditions of all types. Ice, snow, wind driven rain and sand do not penetrate its tough, dense surface under normal conditions.
- 9. Long Term Fire Protection:**  
ROOF MATE utilizes non-migratory fire retardants that become an integral and inseparable part of the coating to provide permanent fire retardancy.
- 10. Reduced Energy Cost:**  
ROOF MATE topcoat remains white to reflect the sun's heat, unlike dark-colored roofs that retain heat and are subject to ultraviolet degradation. Roof temperatures can be reduced in excess of 50°F.
- 11. Resistance To Foot Traffic:**  
ROOF MATE'S tough finish, together with its flexibility and bond strength characteristics, allow it to easily withstand the stresses of normal roof maintenance traffic.
- 12. Code Approvals:**  
ROOF MATE is UL classified as a Class "A" Fluid Applied Coating System, and as a Class A, B or C Maintenance & Repair System as outlined in the UL Roofing Materials & Systems Directory. It is Factory Mutual Approved for recover over FMRC-rated BUR or insulated metal panels. ROOF MATE is also ICBO evaluated and listed.
- 13. Warranty Programs:**  
ROOF MATE is backed by 5, 10 and 15 year, non-prorated warranty programs. These guarantee to the building owner that the coating system will not leak as result of degradation from normal weathering. All warranty programs are extendable to last for the life of the structure.



**UNITED COATINGS**  
LONGEVITY BY DESIGN  
19011 E. Cataldo Ave. • Greenacres, WA 99016  
(509) 926-7143 • Fax: (509) 928-1116  
(800) 541-4383 • www.unitedcoatings.com

**NATIONAL ROOFING CONTRACTORS ASSOCIATION ASSOCIATE**

**RCI**

**Energy Star**  
We Sell ENERGY STAR

*Our products are guaranteed to meet established quality control standards. Information contained in our technical data is based on laboratory and field testing, but is subject to change without prior notice. No guarantees of accuracy are given or implied, nor does UNITED assume any responsibility for coverage, performance or injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement or, if applicable, to the terms stated within the executed project warranty.*

# ROOF MATE

## Warranty Requirements

United offers a selection of 5-Year, 10-Year and 15-Year non-prorated Warranty Systems to the Building Owner. The following outline will assist in choosing the ROOF MATE warranty necessary to meet your specific project requirements.

### Dry Film Thickness Requirements\*

SUBSTRATE	2-Year Economizer (1)	5-Year Standard	5-Year System	10-Year Standard	10-Year System	15-Year Standard	15-Year System
<b>Metal</b>	Seam & Fastener Details Only	15 (381 microns)	20 (508 microns)	20 (508 microns)	25 (635 microns)	25 (635 microns)	33 (838 microns)
<b>Built-Up</b>	NA	25 (635 microns)	33 (838 microns)	33 (838 microns)	40 (1016 microns)	40 (1016 microns)	48 (1219 microns)
<b>Modified Bitumen</b>	NA	25 (635 microns)	33 (838 microns)	33 (838 microns)	40 (1016 microns)	40 (1016 microns)	48 (1219 microns)
<b>Hypalon</b>	Seam & Fastener Details Only	20 (508 microns)	28 (711 microns)	28 (711 microns)	36 (914 microns)	36 (914 microns)	44 (1118 microns)
<b>EPDM</b>	Seam & Fastener Details Only	20 (508 microns)	28 (711 microns)	28 (711 microns)	36 (914 microns)	36 (914 microns)	44 (1118 microns)
<b>Board-Stock Insulation</b>	NA	25 (635 microns)	33 (838 microns)	33 (838 microns)	40 (1016 microns)	40 (1016 microns)	48 (1219 microns)
<b>Concrete</b>	NA	25 (635 microns)	33 (838 microns)	33 (838 microns)	40 (1016 microns)	40 (1016 microns)	48 (1219 microns)
<b>Composite Shingles</b>	NA	20 (508 microns)	28 (711 microns)	28 (711 microns)	36 (914 microns)	36 (914 microns)	44 (1118 microns)

\*Minimum dry mil thickness requirements, excluding joints, seams, flashings, protrusions, drains and other details.

- (1) The 2-Year Economizer Warranty is designed to provide temporary waterproofing on specific substrates by treating joints, seams, flashings, fasteners, protrusions and other details. The Economizer Warranty can be converted into a 5-Year, 10-Year or 15-Year Standard or System Warranty, at any time during the initial 2 year warranty period by applying the appropriate ROOF MATE coating to the balance of the roof.
- (2) United's 5-Year, 10-Year or 15-Year Standard Warranties are issued at no charge, and cover coating replacement only in the event of a leak due to deterioration as a result of ordinary weather conditions. Representative/Distributor inspection is optional at their discretion, but is not required.
- (3) The 5-Year System Warranty covers coating replacement and labor in the event of a leak due to deterioration as a result of ordinary weather conditions. A \$0.03 per sq. ft. fee is required, as is a final inspection. The final inspection can be performed by the UNITED Representative, Distributor or approved independent agent. There is no charge for the initially scheduled Representative or Distributor final inspection. Subsequent inspections, if required, may incur appropriate fees, as will independent inspections.
- (4) The 10-Year System Warranty covers coating replacement and labor in the event of a leak due to deterioration as a result of ordinary weather conditions. A \$0.05 per sq. ft. fee is required, as is a final inspection. The final inspection can be performed by the UNITED Representative, Distributor or approved independent agent. There is no charge for the initially scheduled Representative or Distributor final inspection. Subsequent inspections, if required, may incur appropriate fees, as will independent inspections.
- (5) The 15-Year System Warranty covers coating replacement and labor in the event of a leak due to deterioration as a result of ordinary weather conditions. A \$0.07 per sq. ft. fee is required, as is a final inspection. The final inspection can be performed by the UNITED Representative, Distributor or approved independent agent. There is no charge for the initially scheduled Representative or Distributor final inspection. Subsequent inspections, if required, may incur appropriate fees, as will independent inspections.

**ROOF MATE  
TEN (10) YEAR LIMITED PRODUCT  
WARRANTY EXPLANATION  
To The Building Owner**

The enclosed properly completed Warranty Request Form is required by UNITED COATINGS in order for the **ROOF MATE Ten (10) Year Limited Roofing Warranty** to be issued:

**1. The Warranty:**

This Warranty is a guarantee **to the Building Owner** that the protective coating system will not leak water over a 10-year period due to deterioration as the result of ordinary weather conditions. This Warranty is not to be used for any other purpose unless specifically approved in writing by an officer of UNITED COATINGS.

**2. Warranty Request Form:**

A. When the job is completed, the Coating Contractor must submit the Warranty Request Form to UNITED Headquarters for issuance of the Warranty.

B. The properly completed Warranty Request Form by the Contractor certifies the application to be in accordance with UNITED's current published application instructions.

MAIL TO:  
UNITED COATINGS  
19011 E. Cataldo  
Spokane Valley, WA 99016

Warranty Number: \_\_\_\_\_

Date: \_\_\_\_\_

ATTENTION WARRANTY DEPARTMENT

**WARRANTY REQUEST FORM FOR  
TEN (10) YEAR LIMITED PRODUCT WARRANTY PROGRAM**

1. Name of Project: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

2. Name of Approved Contractor: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

3. Name of Architect: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

4. Owner of Building: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Owner's Representative: \_\_\_\_\_

5. Area: \_\_\_\_\_ sq. ft.                      6. Substrate: \_\_\_\_\_

7. Full fabric Used (Y/N): \_\_\_\_\_ 8. Total Gallons Used: \_\_\_\_\_

First Coat \_\_\_\_\_ Second Coat \_\_\_\_\_ Third Coat \_\_\_\_\_  
(Gallons)                      (Gallons)                      (Gallons)

9. Total Dry Film Thickness Required: \_\_\_\_\_ Actual Dry Film Thickness Achieved: \_\_\_\_\_

10. Date Application a. Commenced \_\_\_\_\_ b. Completed \_\_\_\_\_

I hereby certify that the above information is correct and that this coating application is in accordance with UNITED'S current published Application Instructions as stated. I agree to the terms and conditions of UNITED COATINGS' Ten (10) Year Limited Product Warranty which may be issued pursuant to this Warranty Request Form.

Approved Contractor

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Printed Name

Date on Roof Mate \_\_\_\_\_

Application Instructions on file: \_\_\_\_\_

# UNITED COATINGS ROOF MATE TEN (10) Year Limited Product Warranty

Name of Project \_\_\_\_\_ Date \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Owner's Representative \_\_\_\_\_ Contact Name \_\_\_\_\_ Title \_\_\_\_\_

Contractor \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

- A. UNITED COATINGS warrants to the Building Owner, that for a period of 10-years from date of completion, ROOF MATE will not leak water due to deterioration as the result of ordinary weathering. If the coating leaks as a result of ordinary weathering, UNITED will provide sufficient ROOF MATE to repair said leaks. This Warranty is expressly conditioned upon the Coating Applicator's obligation to apply the coating material in strict accordance with UNITED'S current published instructions covering surface preparation, coating application and precautions.
- B. UNITED COATINGS' liability to the Building Owner for any defect, failure, or deficiency which is covered by this warranty shall be expressly conditioned upon the Owner's obligation to notify UNITED within ten working days of the date that Owner discovers the defect. UNITED COATINGS shall then have the right to immediately inspect the defect, and if not given this right, the Warranty shall be terminated.
- C. UNITED COATINGS shall not be responsible for repairs made by others who are not authorized to make such repairs.
- D. This Warranty does not cover:
  - 1. Damage to the coating, property, building or contents caused by fire, settlement, faulty construction or design, movement, misuse of structure, inadequate drainage or other failure of the structure.
  - 2. Damage to the coating due to natural causes, including but not limited to floods, lightning, hail, windstorms, cyclones, hurricanes, tornadoes, earthquakes, or other extraordinary or unusual events.
  - 3. Damage to the coating resulting from cracks or openings in the roof substrate.
  - 4. Physical damage caused by third parties or foreign objects or agents, including plant or animal life.
  - 5. Damage caused by repairs or alterations to, encroachment upon, or erection of any structure on the roof or any use of the roof other than for its intended purpose at the time the Warranty was issued.
  - 6. Color changes in the coating as the result of normal weathering or atmospheric conditions.
- E. If Coating Applicator fails to make payment to UNITED COATINGS and/or its Distributor, this Warranty shall be void.
- F. This Warranty is for the benefit of the Building Owner, and shall not be transferable or assignable to any other persons, firms or corporations without the prior express written consent signed by a duly authorized officer of UNITED COATINGS.
- G. UNITED COATINGS will not be liable for any direct, indirect, consequential, incidental, special, or general damage of any kind from whatever cause which may arise as the result of deterioration of said coating, except to supply all UNITED COATINGS material in accordance with the Warranty. This is the sole warranty issued by UNITED and is in lieu of all other warranties, express or implied, including warranties of merchantability or fitness for a particular use.
- H. This Warranty is effective upon receipt of fully executed copy at UNITED COATINGS, 19011 E. Cataldo, Spokane Valley, Washington 99016, fully filled out including issue number, executed by an authorized officer of UNITED COATINGS, the Certified Applicator and the Owner.

UNITED COATINGS  
Spokane Valley, Washington

Certified Applicator

Owner or Owner's Representative

Authorized Signature

Authorized Signature

Authorized Signature

Printed Name

Printed Name

Printed Name

Issue No. \_\_\_\_\_

Date: \_\_\_\_\_

Valid when copy of this Warranty, executed by all parties, is on file at UNITED COATINGS Warranty Department, Spokane Valley, Washington.