

Adurel Roofing Specification

Asphalt System Flashing Restorations

Use over Existing Asphalt Roof Flashings

Section 0700

Part 2 – Products (For complete specifications, see CD version)

2.01 Manufacturers

A. Adurel International, Inc., 820 Water St., Racine WI 53403 800.860.5834 262.643.3446 Fax

2.02 Surface Preparation (optional depending on substrate condition)

A. Adurel CC400 – a highly concentrated biodegradable clean-rinsing cleaner / degreaser

2.03 Primers

A. A606 – resin blocking primer for under acrylics

2.04 Base Coat (choose one)

A. U5500 – asphalt-based urethane

B. A404, A606, A707, A808- Acrylic Elastomers

2.05 Reinforcing Mesh

A. Field and flashing mesh

1. PF57 4,6,12,40" – a 3.0-oz. stitch-bonded polyester. Use sizes as appropriate.

2.06 Finish Coats and Mastics

A. U5500 – asphalt-extended black urethane

B. U5500M – pre-made black urethane mastic

C. A707 M – aliphatic acrylic mastic

D. A707 / A808 – acrylic self-priming finish

2.07 Mixing

A. Mix to uniform consistency

2.08 Application Tools and Equipment: Application tools shall be equal and adequate to the equipment outlined for the work and workmanship required herein.

A. Equipment required for applying coating

1. 9" chemical-resistant rollers with 1.25" nap and phenolic cores

B. Special tools for flashings

1. HD 4" short-bristle chip brushes for flashing details and smoothing mastic

C. Miscellaneous tools and equipment

1. Caulk gun – 32 oz HD cartridge gun

2. 350-rpm 7-amp minimum 1/2" drill with rectangular paddle (local source)

3. Cloth scissors for cutting fabrics

Part 3 – Execution

3.01 Acceptable Installers

A. Pre-qualify under Quality Assurance requirements of the specification (section 1.07.B)

3.02 Examination

A. Inspect substrate for:

1. Loose or wet existing materials

2. Algae, grease, dirt fungus, mildew, or other foreign substances

3.03 Surface Preparation

A. Remove surface contaminants.

B. Remove loose and deteriorated flashings.

3.04 Installation

A. Install Adurel roofing system per published instructions (see addendum).

3.05 Protection

A. Protect finished system from weather until cured.

Addendum: Specification WM110 F

Instructions for flashing restoration of asphalt-based flashings.

A. Cleaning

1. Remove grease or contaminants that may interfere with adhesion. Use CC400 cleaner at full concentration for grease and rinse with high-pressure clean water.

B. Replacement of Deteriorated Flashings- Option A

1. Tear out loose and deteriorated flashings to a solid base of either previous flashings or the wall.
2. Fabricate cant at transition with U5500M mastic with diamond flex trowel.
3. Integrate PF57 polyester liner in U5500 urethane over cant transition. Center polyester over transitions sp the polyester extends at least 3" onto wall and existing roof, respectively. Saturate polyester with the U5500 urethane leaving no wrinkles or air pockets.

C. Restoration of existing moderate to good condition flashings.- Option B

Flashings will be finished in a fashion relative to the existing condition.

1. **Method A:** Flashings showing no movement in solid condition:
 - a. Brush a liberal layer of mastic centered over flashing to 100 mils.
 - b. Apply finish coat over same 2 gal per sq and brush smooth
2. **Method B:** Flashing joints showing cracking or in moderate condition:
 - a. Integrate PF57 polyester liner in wet mastic or base coat to saturation.
 - b. Finish with 2 coats of desired finish @ 1.25 gal/sq. per coat.

E. Gutter and Metal Edge

1. Spud gravel to expose at least 6" of the transition between the gutter or metal drip edge and the roof. Integrate PF57-6" polyester set in wet U5500M centered over the transition joint. Apply additional layer of U5500 @ 2 gal/sq. after skinning to saturation.

F. Pitch Pockets, Cables, Sign Legs, Curb Posts

1. Fill with Adurel Black Magic pitch pan filler.

Practical Material Estimates	Specification	Products	Coverage	Total Mils
Mastic Method				
<u>Urethane</u>	<u>WM110 FA</u>	<u>U5500M</u> <u>U5500</u>	<u>3 gal per 100 sq. ft.</u> <u>2 gal per 100 sq. ft.</u>	<u>50 mils</u>
<u>Acrylic*</u>	<u>WM110 FB</u>	<u>A707M</u> <u>A808</u>	<u>3 gal per 100 sq. ft.</u> <u>2 gal per 100 sq.ft.</u>	<u>45 mils</u>

** Mastic option will vary greatly depending on roughness. Site inspection necessary.

Practical Material Estimates	Specification	Products	Coverage	Total Mils
Fully Reinforced	<u>Reinforcement</u>	<u>PF57</u>	<u>1 roll per 300 linal ft</u>	
<u>Urethane- black</u>	<u>WM110 FRU</u>	<u>U5500M</u> <u>U5500</u>	<u>3 gal per 100 sq. ft.</u> <u>2.5 gal per 100 sq. ft.</u>	<u>80 mils</u>
<u>Acrylic*- white</u>	<u>WM110 FRA</u>	<u>A707M</u> <u>A808</u>	<u>3 gal per 100 sq. ft.</u> <u>2.5 gal per 100 sq.ft.</u>	<u>50 mils</u>

Note: Physical data subject to changes without notice as products are improved and modified for better performance.