

WeatherWeld Spec: WW-R-1P-16-45-A GRAVEL SURFACED ROOF REINFORCEMENT
System Manufacturer: Liquiform Technologies Inc.
Technical Rep: Kody Berry (909) 477-1842
Warranty: 40 Year NDL
Fire Rating: UL Class A

Total Material Quantities (Per Square, including parapet walls)

WeatherWeld Emulsion-	45 Gallons
WeatherWeld Fiberglass-	16 Lbs.
Polyester Ply-	1 Ply
Acrylic Basecoat-	1.5 Gallons
Acrylic Topcoat-	1.5 Gallons
Self-Adhering Membrane-	Where Applicable
Asphalt Primer-	Where Applicable
Sheetmetal Storm Collars-	Where Applicable

PREPARATION

Polyester Leveling System

1. Vacuum loose gravel leaving embedded gravel in place
2. Install Polyester leveling System consisting of the following ratio
 - A. 15 gallons of WeatherWeld emulsion
 - B. 1 polyester fabric ply
 - C. Allow to cure for 3 days

Perimeter Walls

Wall mounted pipes and equipment

1. Remove wall mounted pipes before installation
2. Pipes can be remounted to concrete wall after roof system is complete

Base Flashings

1. Remove and dispose of sheet metal counterflashing
2. Install asphalt primer to facilitate Self-Adhering Membrane adhesion
3. Install 12" Self-Adhering Membrane at termination between roofing material and concrete parapet wall. 6" onto base flashing material. 6" onto primed concrete wall

Perimeter Wall Termination

1. Install asphalt primer onto concrete at top of parapet wall extending 24" down the inside of the wall
2. Extend Composite applications to outside edge of parapet wall 250 mills (DFT)

Equipment Flashings

Abandoned Curbs / Equipment Pads

1. Remove and dispose of existing sheet metal pans
2. Install $\frac{3}{4}$ " plywood over roof curb
3. Install Self-Adhering membrane over wood curb extending onto roof deck
4. Encapsulate with composite membrane. 250 mills (DFT)

Curb Mounted Air Exchanger Curbs

1. Roof curb termination gap: Install Self-Adhering Membrane covering gap between top of curb extending 3" below termination bars
2. Extend field composite applications to top of roof curb

Pipe Flashings

1. Clean pipe flashings to bare metal
2. Encapsulate pipe flashings with composite membrane 250 mills (DFT)
3. Install sheet metal storm collars

Sheetmetal Duct Encapsulation

Encapsulate sheet metal ducts composite membrane 250 mills (DFT)

1. Install WeatherWeld 16-30 seamless reinforced membrane (per Square)
 - A. 30 Gallons of WeatherWeld Emulsion
 - B. 16 lbs. fiberglass
2. Install on 3 sides of sheet metal duct system
 - A. Top
 - B. Left side wall
 - C. Right side wall
 - D. Bottom side is not encapsulated with composite membrane

NOTE: Do not install composite over flexible bellows or mechanical units

Seamless Composite Membrane

16-30 Seamless Composite Membrane Installation

Coverage Rates

1. 30 gallons of WeatherWeld Emulsion
2. 16 lbs. fiberglass
3. Finished thickness min. 250 mills (DFT)

Installation

1. Extend composite applications to top of
 - A. Outside edge of parapet walls
 - B. Termination equipment/counter flashings
 - C. Pipe penetration flashings
2. Allow to cure for 14 Days

Reflective Coating System

Title 24 Acrylic Coating System

Coverage Rates

1. 1.5 gallons WeatherWeld Acrylic Base Coat
2. 1.5 gallons WeatherWeld Acrylic Top Coat (Title 24)

Installation

1. Install Base Coat - allow to cure for 2 days
2. Install Top Coat - allow to cure for 2 days
3. Apply Reflective coating application to all surfaces covered with Seamless Composite Membrane
4. Allow to cure

Protection

1. Protect all areas from material spills and overspray with appropriate masking
2. All areas not specified for roofing material installation must be clean and free of material drips or overspray before project is considered complete.

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