

FLINTCOAT™ -W

White Elastomeric Acrylic Roof Coating



Product Information



Description: FlintCoat-W is a co-polymer elastomeric emulsion exterior protective coating. FlintCoat-W provides excellent protection, appearance, mildew resistance, color stability, weatherability and flexibility. FlintCoat-W is an ENERGY STAR® labeled roof coating.

Product Advantages:

1. FlintCoat-W applies easily by brush, roller or spray
2. Cures within 24-48 hours
3. Dries to a tough, flexible elastic film
4. Excellent adhesion over clean primed surfaces
5. Outstanding U.V. protection; reflects minimum 90% of the sun's rays
6. Excellent weather resistance
7. Good resistance to salts and alkalis
8. Aluminum reflectant characteristics
9. ENERGY STAR labeled

Uses: FlintCoat-W is intended for use on above grade vertical surfaces on: Primed concrete block, brick, cinderblock, stucco, wood and previously coated surfaces. **Built-up Roofs:** Prepare by applying FlintCoat™-E at the rate of 3 gallons per 100 sq. ft. and allow to dry (cure) for a minimum of 3-5 days prior to installing FlintCoat-W. **Smooth APP Modified Bitumen Roofs:** After installation of membrane, clean surface of all blocking agents and exudation and apply FlintCoat-E as described for built-up roofs. **Mineral Surfaced APP, SBS or BUR Cap Sheets** do not require priming with Flintcoat-E prior to application of Flintcoat-W.

Typical Physical Properties

CHARACTERISTIC	RESULT
Weight per Gallon ASTM D1475	11 lbs.
Solids by Weight ASTM D1644	65%
Solids by Volume ASTM D2697	52%
Color	White (*Other colors available)
Hardness Shore A ASTM D2240	70
Permeance ASTM D1653	0.30 perm.
Cure Time @ 70°F, 50% Relative Humidity	24 to 48 hrs.
Performance Temp. Range	-40°F to 160°F
Application Temp. Range	50°F and above

*Other colors available include Gray and Tan.
Minimum order quantities may apply.

CHARACTERISTIC	RESULT
Elongation ASTM D562	463%
Recovery ASTM D412	95%
Tensile Strength ASTM D2370	365 psi
Consistency, Brookfield RVF Viscometer, #2 Spindle @ 20 RPM @ 77°F ASTM D2196	7,000 Centipoise
Wet Mil Thickness @ Average Application Rate	32-48 mils
Dry Mil Thickness @ Average Application Rate	16-24 mils

ENERGY STAR DATA		
Initial Reflectivity ASTM C1549	3-Year Reflectivity	Emissivity
90%	N/A	87%

Packaging

	FLINTCOAT-W	
Packaging	5-gallon pails	55-gallon drums
Units Per	36 pails per pallet	4 drums/pallet
Approx. Wt. Per Pallet	2,056 lbs.	2,460 lbs.



U.L. Listed:
File #R11656
Control #84R1
Miami-Dade Approved



Product Application

FlintCoat-W should be applied in two coats at the rate of 1 to 1-1/2 gallons per 100 sq. ft. per application. FlintCoat-W coverage rate will vary depending upon the surface to be coated. The total rate of coverage should be 2-3 gallons per 100 sq. ft. applied in two applications (1 to 1-1/2 gallons per application) to achieve a cured, dry film thickness of 18 to 20 mils.

Surface Preparation: Allow fresh masonry to cure for a minimum of 30 days before application of FlintCoat-W. Surface to be coated should be clean, free from dirt, dust, grease, oil and loose paint. Patch and repair cracks or holes with appropriate sealants or caulking materials. Prime vertical surfaces with FlintCoat™-E Emulsion Roof Coating at the rate of 2-3 gallons per 100 sq. ft. prior to application of FlintCoat-W. To horizontal metal and asphalt roof membrane surfaces, apply FlintCoat-E Emulsion Roof Coating at the rate of 3 gallons per 100 sq. ft. (see CertainTeed's FlintCoat-E Technical Data Sheet) and allow to cure 3-5 days prior to application of FlintCoat-W.

FlintCoat-W should be mechanically mixed for several minutes before application.

Application: FlintCoat-W can be applied by brush, roller, or spray. Mix thoroughly with a mechanical mixer prior to application of the coating.

Spray Application: Utilize a standard paint spray pump. Equipment manufacturer should be consulted for more complete information.

Brush/Roller Application: Brush/roller application should be made in a two-coat application, with the second coat applied perpendicular to the first.

Clean Up: While the material is still wet, tools may be cleaned with water. Dry coating may be cleaned with mineral spirits, taking the necessary precautions when handling flammable materials.

Storage

Store product indoors, in an enclosed area protected from the elements, between 50°F and 100°F. Protect from freezing. Keep away from heat or flame. Keep containers sealed until use.

Precautions

Do not apply when rain is imminent. Coating must be dried before exposure to water. Store in a heated room and keep container covered when not in use. Do not thin. Keep out of reach of children. Avoid prolonged contact with skin. Dispose of in an environmentally safe manner.

Provide adequate ventilation and take necessary measures to prevent penetration of airborne solvents into the building structure. Cover air intakes during application and while drying.

COLD-PROCESS SYSTEMS AND COATING, EITHER EMULSION OR SOLVENT BASED, SHOULD ONLY BE INSTALLED ON DECKS WITH POSITIVE DRAINAGE. PER NRCA (NATIONAL ROOFING CONTRACTORS ASSOCIATION), "THE CRITERIA FOR JUDGING PROPER SLOPE FOR DRAINAGE IS THAT THERE BE NO EVIDENCE OF STANDING WATER ON THE DECK 48 HOURS AFTER IT STOPS RAINING."

Technical Assistance

CertainTeed provides technical assistance in the selection, specification and application guidelines for all CertainTeed Commercial Roofing products and systems. Architectural and field representatives are available for consultation within each region. Refer also to the CertainTeed Commercial Roof Systems Specification Manual for additional information.

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