

westcoat.

PRODUCT SPECIFICATION



TC-13 Coarse Deck Cement

Description

TC-13 Coarse Deck Cement is a high-performance, Portland cement and sand blend, formulated for use in conjunction with Westcoat's WP-89 Liquid Emulsion.

Uses

The TC-13 combined with WP-89 are used as the Body Coat in the Mer-Ko System.

Advantages

Maintains Performance Properties at Low Temperatures • Will Not Soften Under High Temperatures • Resists Degradation From UV, Ozone and Weathering • Outstanding Long-Term Durability and Performance • High Strength

Product Data			
Packaging	50 lb Bag, 56 Bags per Pallet	Color	Gray
Coverages	Coverage will vary based on use	Mix Ratio	1-1.25 gallons of WP-89 per Bag
Shelf Life	1 Year in unopened packaging	VOC Content	Zero VOC

Inspection

Surface must be structurally sound, dry, and free of laitance, oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion.

Preparation

Please refer to the Mer-Ko System Specification Sheet for further information regarding Surface Preparation. Surface should be prepared per industry standard.

Mixing

For use as the Body Coat in the Mer-Ko System, mix 1-1.25 gallons of WP-89 Liquid Emulsion and up to one quart of water, to one bag of TC-13 cement. Combine until a uniform mixture is achieved. Please refer to the Mer-Ko System Specification Sheet for further information regarding Mixing.

Application

After mixing, trowel the mix over the dried WP-95 Waterproofing Membrane/WP-48 Tri-Directional Fiberlath coat at a rate of 80-90 square feet per mix. Two coats are required. Please refer to the Mer-Ko System Specification Sheet for further information regarding Application.

Dry Time

Dry times will vary based on use, but allow 2 hours between coats and a minimum of 4 hours for the final coat at 70F degrees/50% Relative Humidity. Please refer to the Mer-Ko System Specification Sheet for further information regarding Dry Time.

DISCLAIMER: PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.





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Dry Time

Please refer to the desired System Specification Sheet for further information regarding Dry Time.

Clean Up

Uncured material can be removed with soap and warm water. If cured, material can only be removed mechanically or with an environmentally-safe solvent.

Limitations

- The substrate surface must be structurally sound, clean, dry and free of laitance, dirt, dust, oil, grease, paint or other contaminants at the time of material application.
- Substrate and ambient temperature must be above 55°F and below 90°F during and for 24 hours following the application.
- Not intended for use as a finished surface.
- Do not apply in inclement weather, when rain is occurring or expected within 24 hours.
- Not designed for vehicular or heavy steel wheeled traffic.
- Designed for professional use.
- Cementitious materials should be used within 30 minutes, do not re-temper.
- Applications in elevated humidity conditions will require additional drying time before continuing the system.

Health Precautions

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation. Contains portland cement. Wear rubber gloves and eye protection. Avoid eye contact and prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes. Call a physician immediately.

Technical Data

Color	Gray	
Polymer Needed	Yes (WP-89 Liquid Emulsion)	
Indoor/Outdoor Use	Indoor/Outdoor	
Shelf Life	1 Year	
Compressive Strength (ASTM C-109) 7 days	2860 psi	
Compressive Strength (ASTM C-109) 28 days	4500 psi	
Pull off Adhesion (ASTM D 4541, ASTM D 7234)	>300 psi	
Indentation Characteristics (Mil D-3135)	<1.5%	
Thickness	~1/16"	
Water Absorption (FTMS 5019, Method 7511	<2%	
Freeze/Thaw Resistance, % (ASTM C-666) 28 days	98%	

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