



880HV WALL EPOXY

HIGH BUILD, CHEMICAL RESISTANT EPOXY WALL COATING

PRODUCTION DESCRIPTION

880HV WALL EPOXY is a clear, high solids, high viscosity, high build, multi-purpose epoxy wall coating, designed to provide sealing, repair, and protection of substrates, which will be exposed to chemical and physical environments. It is formulated to have outstanding adhesion, toughness, chemical and impact resistance. 880HV WALL EPOXY produces a smooth, non-porous surface ideal for livestock facilities.

GENERAL USES

An attractive coating for walls, stem walls, columns, or other vertical areas in facilities with chemical exposure. Excellent choice for mixed or unknown chemicals for secondary containment applications. Available in clear but can be pigmented using pigment packs.

Specialty uses include:

- May be reinforced using fiber matt for additional strength.
- May be reinforced with anti-microbial additive minimizing bacterial growth.

FEATURES

- Chemical resistance
- Meets FDA Standards
- Abrasion resistant
- Good UV resistance
- Light reflectivity
- High gloss finish
- Can be field pigmented
- Non-porous

STANDARDS

Complies with USGBC EQ Credit 4.2: Low - Emitting Materials: Paints & Coatings under Indoor Environmental Quality. VOC compliant.

INSTRUCTIONS FOR USE

Surface Preparation

The surface to be coated must be clean, sound, and free of dirt, oil, rust, standing water, paint, laitance, or any other contaminant that can interfere with the bonding of the coating of the surface. The surface can be prepared by sandblasting, shot blasting, or chemical etch. Substrates must be surface-dry. New concrete must be cured at least 28 days. New concrete must be properly prepared as stated above. Substrate temperature must be greater than 50°F (10°C).



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TECHNICAL DATA

LABRATORY TESTS	RESULTS
Mix Ratio	2:1 by Volume
Viscosity Mixed	4,400 CPS
Pot Life	40 Minutes
Tack Free to Touch	4-6 Hours
Initial Cure	24 Hours
Final Cure	7 Days
Hardness	80 Shore D
Rate of Application	150 Sq Ft/Gal
Slant Sheer Bond	2200 psi

PACKAGING

- 1.5-gallon (5.7 L) kits (#VTK3018)
- 15-gallon (57 L) kits; (3) 5-gallon pails (#VTK3019)

UNIVERSAL COLOR PACKS

- 135 Medium Grey (#VTK9009)
- 480 Beige (#VTK9010)
- 750 Blue (#VTK9011)
- 980 Red (#VTK9012)

COLOR FLAKES

- Granite 1/4" (VTK9002)
- Sandstone 1/4" (VTK9003)
- Sapphire 1/4" (VTK9004)
- Garnet 1/4" (VTK9005)

MIXING

Prior to mixing, condition the coating components to a temperature range of 65°F to 80°F. (18°C to 27°C) for optimum installation characteristics and pot life. In a separate container add all of Component B (.5 gallon) to Component A (1 gallon) and mix for 2 to 3 minutes using a mixing implement. Thoroughly scrape the sides of the container while mixing. Thorough mixing is important to assure a positive cure for maximum performance. Mixing is best accomplished using a Jiffy® mixer or equivalent mixer powered by a variable speed drill motor operated at approximately 400-1000 rpm. Mixing too fast can whip air into the coating. No induction period is required.

APPLICATION

Apply 880HV WALL EPOXY at a rate of 125 (13 mils) - 160 (10 mils) sq.ft. per gallon. Application can be accomplished by brush or roller.

To avoid pin holing (from outgassing) or to ensure good hide on block walls, apply two coats, each at one half the final selected mil thickness. Apply the coats at a 90-degree angle to each other. Apply the second coat as soon as the first coat is dry to the touch to ensure good adhesion between coats.

LIMITED WARRANTY

Vantek warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed, and applied in accordance with recommendations of Vantek. If any product fails to meet this warranty, the liability of Vantek will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Vantek within (1) one year of delivery of materials. Vantek may in its discretion refund the price received by Vantek in lieu of replacing the material. No customer, distributor, or representative of Vantek is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Vantek. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Vantek reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. VANTEK'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND VANTEK SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.