

PRODUCT INFORMATION SHEET
DECO-QUARTZ VS
VERTICAL SURFACES AND COVE
 Used with DECO-QUARTZ LT and HB Floorings

DESCRIPTION:

DECO QUARTZ VS is a trowel-applied monolithic vertical coving material, typically applied at 1/8" thickness. DECO QUARTZ VS is an excellent material for coving from a floor to the wall, and can also be used to protect vertical surfaces subject to chemical splashes. It is U.S.D.A. acceptable for use in food processing plants.

ADVANTAGES:

- Specially Blended To Hold On Vertical Surfaces Without Sagging.
- Will Fill Damaged Surfaces.
- Prepackaged For Easy Mixing
- Monolithic Surface – Easy To Clean
- Low Odor
- Excellent Chemical Resistance
- Withstands High Pressure Wash-Downs and Cleaning

USES:

- Coving and Curbing

SUPPLEMENTAL PRODUCTS:

- DECO-QUARTZ LT and HB Horizontal Surfaces
- 3000 Flex - Expansion Joint

PACKAGING AND COVERAGE:

DECO-QUARTZ VS System - packaged in batches consisting of the following -

Deco Quartz VS – Primer - covers approximately 30 square feet at 10 mils and consists of the following -

- 1 container - Part A (primer resin)
- 1 container - Part B (primer hardener)

DECO-QUARTZ VS – Liner – covers approximately 10 square feet at 1/8 inch (125mils).

- 1 container – Part A (liner resin)
- 1 container – Part B (liner hardener)
- 10 pounds – Part C (chemical resistant color quartz aggregate)
- 1 measuring tool - to proportion bulk aggregate for liner

Deco Quartz VS – Dresscoat – covers approximately 30 square feet at 10 mils.

- 1 container – Part A (dresscoat resin)
- 1 container – Part B (dresscoat hardener)

PROPERTIES:

Compressive Strength	11,500 psi ASTM C-579 (resin)
Tensile Strength	1,750 psi ASTM D-638 (resin)
Bond Strength	Greater than 350 psi ASTM C-321 100% concrete failure
Coefficient of Thermal Expansion	1.2 x 10 ⁻⁵ in./in./°F
Impact Strength	100 in./lbs.
Indentation	No indentation MIL-D-3134F
Flammability	Does not support combustion ASTM D-635
Water Absorption	0.038% ASTM C-413
Working Time at 75°F (24°C)	20-30 minutes ASTM C-308
Shelf Life	1 Year
Colors	Various (See Color Chart)
Solids by Content	By Weight 100% By Volume 100%

SURFACE PREPARATION:

Deco Quartz VS may be installed only on clean, sound substrates.

Concrete:

New concrete must be cured a minimum of 28 days. All coatings, oils, grease and unsound concrete must be removed. Concrete surfaces must then be acid etched, scarified or shot blasted to remove surface laitance. A good bonding tooth, the texture of 60 grit sandpaper, is desired for maximum adhesion, with removal of all surface glaze.

Metal Surfaces:

Blast the surface to near white SSPC-SP10-70 or NACE No. 2 using a Venturi blast nozzle with 100 psi air. To produce the desired 3 mil anchor profile, the blast media used shall be properly graded, clean, sharp, and angular, similar to Humble Abrasive Flint #7 (6-30) mesh, or Steel Grit (HG25).

MIXING:

Prior to starting, materials should be stored at 70°F (21°C) for at least 48 hours.

Primer - Empty entire contents of Part B into Part A and stir thoroughly for 2 minutes.

Mortar - Empty entire contents of Part B into Part A and stir thoroughly for 1 minute. Slowly add the entire contents of Part C and mix for another 1-1/2 to 2 minutes.

Dresscoat - Empty entire contents of Part B into Part A and stir thoroughly with a low speed mixer for 2 minutes, being careful not to whip air into the mixed material.

As with all two component polymers, apply immediately after mixing. Do not allow the mortar to sit in a pail as this will substantially reduce the working time of the material.

APPLICATION:

Substrate temperature should be at 65°-85°F (18°-29°C) during application and 96 hours thereafter for complete cure. Do not apply if surface temperature is below 60°F (16°C). First apply the primer to the surface in a thin, even layer with a roller, and then pull the excess down with a squeegee. Prime only the areas you plan to trowel within 2-3 hours. Place mortar on a mud board and then place a small amount on a trowel. Spread mortar evenly over the surface firmly, and in a long wiping motion, filling in low spots as you go. Remove large surface marks by cleaning trowel and quickly going over the surface with light pressure. Allow mortar to set 2-3 hours or until hardened to the touch. Knock off any surface nubs with a carbide block or grinder. Spread the Veil Coat over the surface with a roller and pull down as thin as possible with a squeegee.

CURE TIME:

DECO QUARTZ VS will harden within 2-3 hours; however, 96 hours at 75°F (24°C) is required to attain full chemical resistance.

CLEANUP:

Cured or hardened DECO-QUARTZ VS will bond to practically all surfaces and is extremely difficult to remove. Clean all tools and mixer immediately after use with acetone or other solvent based cleaners.

SAFETY:

Avoid skin contact. If eye contact occurs, flush with water and consult a physician immediately. Keep work areas well ventilated. Never seal a container of mixed Part A and B as the continuing exothermic reaction may cause container to explode. DECO-QUARTZ VS Material Safety Data Sheets are available upon request.

IMPORTANT NOTICE TO PURCHASER:

The following is made in lieu of all warranties, expressed or implied. Seller and manufacturer's only obligation shall be to replace such quantities of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising out of the use of or inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risks and liability whatsoever in connection therewith. The foregoing may not be altered unless written authorization is received from PROTECTIVE FLOORINGS AND LININGS, A DIVISION OF A. W. CHESTERTON.

Revised 01/16/07