

DESCRIPTION:

DECO-QUARTZ LT is a decorative flooring system designed for application over smooth substrates at a thickness of 1/8 inch (125mils). Deco Quartz LT consists of two broadcast coats of color quartz aggregate, along with a clear, slip resistant sealer. Deco Quartz LT is U.S.D.A. acceptable for use in food plants.

ADVANTAGES:

- Decorative Finish, In A Variety Of Colors
- Prepackaged, For Easy Mixing
- Broadcast System – For Ease Of Application
- Slip Resistant – Cleanable Surface
- Excellent Adhesion To A Variety Of Substrates
- Wear Resistant Finish

USES:

- Food Preparation Areas
- Locker Rooms and Break Rooms
- Laboratories
- Restaurants and Institutions
- Pharmaceutical Research Areas
- Supermarkets

PACKAGING AND COVERAGE:

DECO-QUARTZ LT - ½ Unit (single batch packaging)

- covers 65 square feet at approximately 1/8 inch (125mils), and consists of the following –
 2 containers – Part A (broadcast resin)
 2 containers – Part B (broadcast hardener)
 1 container – Part A (dresscoat resin)
 1 container – Part B (dresscoat hardener)

2 Unit Multi-Batch Packaging - covers approximately 260 square feet at 1/8 inch (125 mils), and consists of the following –

- 2 – 4 batch containers – Part A (broadcast resin)
- 2 – 4 batch containers – Part B (broadcast hardener)
- 1 – 3 batch container – Part A (dresscoat resin)
- 1 – 3 batch container – Part B (dresscoat hardener)
- 1 – container – Part A (dresscoat resin)
- 1 – container – Part B (dresscoat hardener)

Color Quartz Broadcast Aggregate is sold separately at 130 # per Unit of Deco Quartz LT. (Approximately 0.5 pounds per square foot is required)

SUPPLEMENTAL PRODUCTS:

- DECO-QUARTZ HB Trowel Coat
- DECO-QUARTZ VS
Vertical Surfaces and Coves
- 3000 Flex - Expansion Joint Sealer

PROPERTIES:

Compressive Strength	11,500 psi ASTM C-579 (resin)
Tensile Strength	1,750 psi ASTM D-638 (resin)
Flexural Strength	3,500 psi ASTM C-580 (resin)
Bond Strength	Greater than 350 psi ASTM C-321 100% concrete failure
Coefficient of Thermal Expansion	1.4 x 10 ⁻⁵ in./in./°F
Impact Strength	100 in./lbs.
Indentation	No indentation MIL-D-3134F
Abrasion Resistance	70 milligrams ASTM D-1044
Flammability	Does not support combustion
Water Absorption	0.056% 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 LT 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 mixing, materials should be stored at 70°F (21°C) at least 48 hours. For Broadcast coats, and Dresscoat, empty entire contents of Part B into Part A and stir thoroughly for 3 minutes. With all mixtures, do not allow them 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 installation and for 96 hours thereafter for complete cure. Do not apply DECO-QUARTZ LT when floor temperature is below 60°F (16°C). Apply liquids with a squeegee or a roller at a rate of 65 sq. ft. per batch and broadcast the color quartz aggregate into the wet surface. Leave a 1 foot wet edge for the next batch of liquids. Allow first coat to set for 2-3 hours at 70°F (21°C) or until hard. Sweep off excess color quartz and discard. Check surface for minor imperfections before proceeding and grind or block out as necessary. Repeat procedure for application and cure of second broadcast coat. Apply dresscoat in a thin even layer at approximately 65 sq. ft. per batch with a squeegee, and then back roll with a short nap roller. For a smoother texture, add additional coats of Dresscoat. Unless otherwise specified, this flooring is designed to follow the existing contour of the floor.

Note: High humidity may cause Dresscoat to become cloudy or streak.

CURE TIME:

DECO-QUARTZ LT will harden to foot traffic in 10-12 hours at 75°F (24°C). Maximum chemical resistance will occur after 96 hours of cure time at 75°F (24°C). A light coat of acrylic wax is recommended, after the floor has cured, to aid in ease of cleaning.

CLEANUP:

Cured or hardened DECO-QUARTZ LT 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 contact with skin. 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 LT Material Safety Data Sheets are available upon request.

NOTE:

Refer to DECO-QUARTZ LT Instruction for use.

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.

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