

VITRO-CRETE SURFACE BRE A KER

Technical Information

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Vitro-Crete Surface Bre A ker

Product Description:

Vitro-Crete Surface Bre A ker is a water based pretreatment surface preparation liquid designed to facilitate rapid stock removal in the grinding process of concrete and terrazzo surfaces. It can be used on newly placed concrete and terrazzo as well as existing installations where initial grinding is necessary to achieve a diamond polished surface. The liquid can reduce labor and diamond steps that untreated surfaces would typically require and aids in the fast removal of previous scratch patterns.

Special Features:

- Easy to apply
- Excellent penetration
- Saves grinding steps
- Environmentally safe, non hazardous
- Speeds cleanup
- Reduces cost per square foot
- Saves labor costs
- Ready to use, no mixing required
- No VOC's

Where and When to Use:

Can be used on newly placed concrete and terrazzo as well as older installations meant for restoration.

Packaging:

- 1 gallon (3.8L) jug, 4 per case
- 5 gallon (18.9L) pails
- 55 gallon (208.2L) drums

Storage:

Room Temperature

Directions for use:

- 1) Remove any topical coatings, such as acrylic or other non-porous coatings. Surface Bre A ker will penetrate previously densified or subsurface impregnated floors.
- 2) Clean the surface before application to remove any access soil, grease or other foreign contaminants using Proklenz or Vitro-Clean. Allow the surface to completely dry.
- 3) Apply Surface bre A ker to the area to be ground using a pump up sprayer, do not dilute. Saturate the surface and allow the liquid to penetrate the surface and dwell for 30 minutes.
- 4) Select a grit coarse enough to remove the desired material in one complete pass moving the machine over the area a total coverage of two times. It is valuable to note that the use of surface breaker will allow sufficient stock removal with a diamond abrasive grit that is usually two times finer than what would normally be required. In most cases we find that the Vitro Cut HD OO will effectively remove required stock to produce

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a beautiful salt and pepper finish on new concrete. In the event more stock removal is required a 50 or 100 grit metal step may be used.

- 5) Begin grinding the area while the surface is still saturated with Surface Bre A ker. Keep the slurry wet with a consistency of a cream. If the slurry begins to dry add a small amount of water to keep the surface wet without flooding the surface. Vacuum or scrub the area using a wet vacuum or auto scrubber. Rinse the floor with water and vacuum the excess.
- 6) Grind the previously ground area with the #1 Vitro Cut making one complete pass. Then vacuum the excess.
- 7) Repeat the grinding process using Vitro Cut #2 and #3.
- 8) Apply Vitro-Crete LM as directed
- 9) Continue polishing to desired finish using your choice of wet or dry fine polishing abrasives including Vitro Cut #3 and #4, Spider 800 and 1800, Conquer 800 and 1800 or any suitable diamond-buffing pad to achieve the desired reflectivity.
- 10) Apply Vitro-Crete B and V3 system for a superior long lasting non scuff highly reflective finish

Note:

- Varying times will be determined by air temperature, humidity, placement area, and surface temperature of applied area., compatible with mixes. Clean up using soap and water. Dispose of all waste according to local regulations

Precautions:

DO NOT DILUTE. Do not apply if temperature is below 35° F (3°C) or above 160°F (73°C) If frozen thaw and agitate.

Product Specifications:

(Typical Values)
Physical State: Liquid
Odor: Green Apple
Color: Light Blue
PH: 7.4
Solubility: Infinite
Specific Gravity: 1:2

Health

- Non-Combustible (Flash Point 200°F)
- Direct contact will result in eye and skin irritation. Inhalation could result in respiratory irritation.

Refer to Material Safety Data sheet (MSDS) for specific health hazard aid.

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