



TECHNICAL DATA SHEET

VELOSKIN



STAIN PREVENTION

VeloSkin is a safe, easy to use water based protective barrier for slab surfaces to prevent overfill staining of epoxy and polyurea joint fillers. Protects surfaces adjacent to joints from unsightly staining from joint fillers. Applies easily and dries quickly. One coat is usually sufficient saving labor, time and material. Non-hazardous water-based formula allows ease of cleaning from all surfaces of slabs and tools. High solids content aids in greater protection. Self-leveling. Apply by brush, roller, sponge, cloth or spray. Allows more focus of scraping filler from the top of the joint with minimal resistance from the adjacent surfaces.

APPLICATIONS

- Exterior use
- Surface barrier for epoxy joint fillers
- Prevents overfill staining
- Apply same day as joint fill
- Not for use in freezers or below 50°F

ADVANTAGES

- Fast-drying, one-coat coverage
- Water-based; easy cleanup with water
- High solids for strong protection
- Self-leveling; easy brush, roll, or spray application
- Reduces scraping effort along joint edges
- Non-hazardous with long shelf life

PHYSICAL PROPERTIES

Viscosity (ASTM 4016)	50 - 100 cps
VOC Content	1 g/L
Mix Ratio (by volume)	Single Component
Solubility (water)	Fully Soluble
Relative Density (24° C)	1.20 - 1.60
Flash Point	> 100 °C (> 212 °F)

Available in

1-gallon
5-gallons

Shelf Life

6 months in original
unopened container.

Storage Conditions

Recommended storage
temperature is between 60°F
to 85°F. Do not store below
55°F or above 85°F. Do not
freeze.

Consistency

Pourable, self-leveling liquid.

Pot Life

Approx. 30 seconds
(100 gram mass)

Appearance

Clear

UV BOND



CONCRETE SLAB REPAIR

TECHNICAL DATA

Test data shown are typical values obtained under laboratory conditions. Some variations could be found under varied conditions in the field such as temperature, humidity, and type of substrate. Once cured, this product is inert (chemically inactive) so it is safe to discard.

COVERAGE RATES

700 sf/gal is an approximate rate depending upon the surface of the slab, the width of the product applied, the type of filler to be used and the number of coats used. A test application will help determine the amount of product required per job. Available in 1 and 5 gallon containers.

PREPARATION

All areas must be clean and dry as possible exposing open pores of concrete. Prep with dustless concrete grinders and saws with diamond blades and HEPA filtered vacuums. Or hand prep with a hammer and a chisel. Remove loose areas back to solid concrete exposing clean open pores. Narrow deep cracks need to be blown and scraped out as best as possible and filled without aggregate unless the width will accept it.

MIXING

Mixing is only required if product becomes frozen. If frozen, thaw and thoroughly mix to redistribute solids. Otherwise, no mixing is required.

CARTRIDGES

Bond 45 cures extremely fast and is best dispensed from cartridges. Shake cartridges for 1 minute. Remove cap, install flow restrictor, secure nozzle, place cartridge in tool, hold upright, slowly dispense material to end of nozzle, direct nozzle down into waste container and dispense small amount out to equalize sides and ensure color is consistent. Proceed to fill cracks, etc. Material may cure within the nozzle if dispensing is stopped for too long. When transferring locations, dispense small amounts into a waste container to avoid curing within the nozzle.

INSTALLATION

Surfaces should be clean and dry and the temperature of the surface shall be between 40°F to 90°F. Apply the same day the joint filler will be installed and allow it to become fully dry and tack free prior to filling joints. Do not allow to drop into the joint and contaminate the joint wall surfaces. If it does, remove and/or clean from joint wall surfaces. Dry time dependent upon jobsite conditions such as ambient temperature, humidity and thickness applied.

LIMITATIONS

UV Bond is designed for exterior use and should be handled with care. May be used indoors with caution after reading and adhering to all safety warnings found in the SDS documents for this product. Store warm and dry! Slight gassing may occur in the presence of excess moisture. Ensure all areas and aggregate are as dry as possible. Keep lids tightly secured when not in use. Do not allow to freeze. Product hardness will fluctuate with extreme temperatures allowing for some substrate movement. Best practice: use a blanket of compressed nitrogen to minimize oxidation in any opened container before tightly replacing lid. Best temperature range for storage is between 60°F to 95°F. Twelve (12) month shelf life in unopened original packaging. Safely store per the SDS documents for both sides of this product.

CLEAN UP

Cured material is inert and may be disposed of as normal. Unmixed product should be mixed and fully cured before disposal. Residual fluids and soiled items should be disposed of per local hazmat regulations. Use all chemical products in well ventilated areas. Handle and wear proper safety attire for protection per SDS documents for this product.

WARRANTY

HTS warrants its products to be free of manufacturing defects will meet current published physical properties when applied in accordance with HTS directions and tested in accordance with ASTM and HTS standards. There are no other warranties by HTS of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. HTS shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, including any warranty of merchantability or fitness for a particular purpose or from any other cause whatsoever.

