



CrystalShield

Product Description

A transparent, solvent-free aliphatic polyurethane sealer designed to penetrate and close pores in stone carpet systems. It enhances durability, prevents water ingress, and maintains the natural appearance of decorative aggregates.

Product uses:

- Stone carpet / pebble flooring systems (indoor & outdoor)
- Decorative aggregate system.
- Porous mineral substrates requiring sealing
- Areas exposed to moisture, staining, or heavy traffic

Properties

- One-component, ready-to-use formulation
- Solvent-free, low odor, environmentally friendly
- Excellent UV resistance (non-yellowing).
- Strong adhesion to mineral substrates.
- Transparent finish, preserving stone aesthetics
- Easy application by roller or brush
- Weather and chemical resistance

TECHNICAL PROPERTIES

Appearance/Color	High Gloss / Transparent
Density:	1.05 kg/liter
Volume solids %:	100 %
Viscosity:	800–1200 mPa·s (Brookfield, 25°C)
Coverage:	0.15–0.25 kg/m ² per coat (Depending on substrate porosity)
Surface dry:	6–8 h (At 25°C, 50% RH)
Light foot traffic	12-18 hours (23°C and 50% R.H.)
Full cure time:	7 days (23°C and 50 % R.H.)
Application temperature:	+8 °C/46.4° F and +35 °C/ 95°F
Min. cure temperature:	+10°C/50°F

Technical Data Sheet



Application Details

Application method: Metal Trowel / Roller / Brush

Thinner: Do Not Thin The Product

Application Guidelines:

- Substrate must be clean, dry, and free of dust/oil.
- Apply with roller or brush in thin, even coats.
- For highly porous substrates, a second coat may be required.
- Avoid application below 10°C or in high humidity.

Shelf life & Storage:

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notice:

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