



High Tech TRANSPARENT COATING

Transparent Coating is a single component, low-viscosity reactive impregnation solution designed for concrete and cementitious surfaces serving as a water repellent and anti-carbonating sealer. It is formulated with a concentrated silane emulsion.

DESCRIPTION

Transparent Coating is a single component, low-viscosity reactive impregnation solution designed for concrete and cementitious surfaces serving as a water repellent and anti-carbonating sealer. It is formulated with a concentrated silane emulsion.

PROPERTIES

- ✓ Superior penetration.
- ✓ Cost-effective and water-repellent.
- ✓ Excellent chloride ion protection, and protects against driving rain and splashing on vertical surfaces.
- ✓ High resistance to alkali, UV and weathering.
- ✓ Minimal color change and forms durable, abrasion resistant surface.
- ✓ Minimizes efflorescence, freeze-thaw cycles and de-icing salts.
- ✓ Water-based emulsion with low VOC.
- ✓ Resistant to alkalis.

RECOMMENDED USES

- Walkways and ramps.
- Improves concrete durability.
- Pre-cast or pre-galzed concrete.
- Masonry structures.
- Parking decks.
- Retaining walls.
- Bridge decks.

SPECIFICATIONS

Appearance	:	Transparent
Density @ 25°C (g/cm³)	:	0.8 – 0.9
pH	:	8 – 9
Coverage	:	3 – 6 m²/Litre/coat
Service temperature	:	-20°C to 80°C
Application temperature	:	5°C to 50°C
Dilution	:	Brush/Roller/Spray





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APPLICATION GUIDELINES

Surface Preparation:

For optimal results, the surface to be treated must be clean, dry and free of any contaminants such as dust, dirt, oil, grease, efflorescence or any previous coatings. Ensure all surfaces to be coated are in good condition.

No application should be carried out during rain or when rain is expected within the next 24 hours.

Application:

Transparent Coating should be applied using a low-pressure spray, airless sprayer, brush or roller. Apply in a single pass from top to bottom so that the coating does not run. Apply uniformly; wet on wet until the desired coverage is achieved. On horizontal surfaces, utilize a flooding technique for added absorptive coating.

Safety:

- Avoid contact with eyes and skin. Wear eye protection and suitable gloves.
- In case of contact with eyes, rinse immediately and seek medical help.
- In case of skin contact, wash with soap and water.
- Keep out of reach of children.
- Store in a cool and dry place.

IMPORTANT INFORMATION



Supplied in
1 kg Pack



Storage
Dry, free from area.
Out of direct sunlight.



Shelf Life
12 months



Hazard Class
No dangerous goods.
Consult MSDS for details.

CONSUMPTION



In case of ground moisture
min. 2 kg/m² (2 coats).



In case of not pressurized water
min. 3 kg/m² (2 coats).



In case of pressurized water
min. 4 kg/m² (2 – 3 coats).



In case of extreme humidity
min. 4 – 6 kg/m² (2 coats).



In case of negative side
min. 4 – 6 kg/m² (2 coats).



In case of potable water
min. 2 – 4 kg/m² (1 coat).

TECHNICAL DATA

Mixed Density	:	0.8 – 0.9 g/cm ³
Pot Life	:	60 Minutes at 25°C
Color	:	Transparent
Re-coat Time	:	4 – 6 Hours
pH	:	8 – 9
Modulus of Elasticity	:	N/A
Compressive Strength (28 d)	:	> 25 MPa
Water Permeation (DIN 1048)	:	< 5 mm
Chloride Ion Resistance	:	Excellent
Water Absorption	:	< 7%
Penetration Depth	:	Up to 10 mm
VOC Content	:	Low VOC
Alkali Resistance	:	Excellent



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