

Chemsil

Transparent Waterproofing Treatment

Description

The two Chemsil grades are clear, transparent, hydrophobic liquids that deeply penetrate the surface to protect, preserve and waterproof. After drying, the Chemsil treatment is completely invisible.

Uses

Chemsil A1 - for brick, stone, old concrete, sandstone and as an injection, chemical barrier against rising damp.

Chemsil XBC - for concrete, blockwork, precast panels, exposed aggregate, tilt-up panel, render or concrete pavers.

- Anti-blooming sealer to walls and paving
- Anti-carbonation coating for exterior façades, walls, etc.
- Anti-fungal sealer to exterior porous paving
- Injection DPC to walls and footings
- Single skin tilt-panel, brick and block construction

NOTE

Maximum waterproofing effect may take up to 8 days.

Features

- Easy to use, single pack, fast drying
- Deep penetration, chemically bonds with substrate
- 10 years life expectancy
- Prevents efflorescence and dirt pick-up
- Prevents concrete cancer & carbonation
- Prevents algae and mould growth

Typical Properties

Colour	Clear
S.G.	0.8-1.0 g/ml
Surface Tension Decrease	Approximately 70% (Hydrophobic effect)
UV Exposure	Unaffected

Precautions

- Chemsil A1 and XBC liquids are flammable.
- Only use in well ventilated areas with appropriate PPE.

Preparation

Surfaces must be clean, dry and free from contaminants.

Repair all cracks, joints and any defects.



Application

- Use low-pressure spray, soft bristled broom, roller or brush, to fully saturate the surface.

Vertical

Apply Chemsil at the top until it begins to run down wall and maintain this "wet flow" until surface is totally saturated.

Horizontal

Flood floors and decks uniformly to saturate surface. Move any surplus liquid to adjacent untreated area by squeegee and remove any liquid residues with a clean, dry cloth.

Surfacing

Chemsil produces a hydrophobic (water repelling) surface - test adhesion of any coatings, adhesives, etc before use.

For specific advice regarding application or use, Contact Chemind Construction Products Technical Department.

Coverage

Total application rate is 2 - 5 m²/litre. Usage will vary significantly depending on porosity and texture of surface. Highly porous surfaces may require up to 1 litre/m².

Packaging

Chemsil is packed in 20 litre pails and 200 litre drums.

Clean Up

Remove Chemsil residues with a clean cloth dampened with Mineral Turps. Exercise care when using solvents.

Shelf Life

Sealed containers stored in a clean, dry place have a shelf life of 12 months from date of manufacture.



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