

TECHNICAL DATASHEET

ASCOREPELL W

Environment Friendly Water Repellent for bricks, blocks and concrete and many substrates



PRODUCT INTRODUCTION

ASCOREPELL W is a concentrate water Repellent is VOC compliant, water base, penetrating, breathable solvent free micro emulsion concentrated silane and siloxanes material. specially formulated for use on precast and site cast concrete, clay and concrete masonry, sandstone and stucco surfaces where surface darkening is unacceptable. When cured it does not alter the appearance of surfaces and being non-film forming will allow the substrate to breathe. It can be applied on exterior and interior on a long term basis.

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KEY FEATURES

1. Prevents efflorescence
2. Resistance to alkalis
3. Breathable—excellent vapor transmission
4. Fast drying and low odour
5. Penetrates fully into the surface and will not alter appearance

RECOMMENDED APPLICATIONS

1. Exposed Brick, Block and RCC work
2. Stucco walls
3. Existing paint surface
4. Mineral plasters
5. Concrete roof tiles and unglazed wall/floor tiles
6. Waterproofing and protection of the Concrete constructions
7. Waterproofing and Protection of Drywall and Cement-boards

TECHNICAL PROPERTIES

Chemical Base	Modified silane siloxane
Solids	100% concentrate
Appearance	Milky white liquid before application, transparent after application
Specific Gravity	0.80 ± 0.02 Kg/ Liter
Surface Curing	8-12 Hours
Full Cure	7 days

The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.

APPLICATION METHODS:

1. Surface Preparation

All surfaces must be clean, dry and free from any contaminants such as dust, oil, wax, grease, curing agents or other substances that may affect adhesion performance. Building debris such as off cuts, sawdust, nails, screws, plaster, wood etc., must be thoroughly cleaned with the help of wire brush - vacuum cleaner - damp sponge.

2. Coverage

45 - 50 ft² / Liter per coat.

3. Mixing

Do not dilute with water or any other solvents.

4. Application

ASCOREPELL W is pre-mixed and ready to use. ASCOREPELL W may be applied by brush or paint roller. Prior to applying to general surface area, pre-treat all cracks, joints, corners and coves first.

- i. Always apply a test patch in an inconspicuous area and confirm the results are acceptable for continuing.
- ii. ASCOREPELL W is best applied with a low pressure sprayer. Airless spray equipment is more efficient for larger projects.
- iii. Can also be applied by brush or roller.

- iv. Apply two coats at the recommended rates of coverage.
- v. Do not allow product to pool on the substrate surface.

5. Curing

Optimum curing performance level is achieved after 24 hours of application.

1. Health and Safety Guidelines

- i. Use personal protective equipment (PPE) to use ASCOREPELL W for storage and application
- ii. If come in contact with eyes, immediately wash eyes with plenty of water and seek medical advice.
- iii. Use of safety goggles, nose mask and hand gloves are recommended to protect eyes, skin and mouth while in use. (Material Safety Data Sheets are available through our company's representative or from our ASCOLITE's website)

7. Packaging

Available in 1 Liter, 5 1 Liter Jerry Can and 20 1 Liter Pail.

8. Shelf Life

12 months from the date of production if stored in original, unopened packaging and in places protected from moisture, sun exposure and frost.