REPEL WB
WATER BASED SILANE/SILOXANE PENETRATING WATER REPELLENT

DESCRIPTION

REPEL WB is a water-based, ready-to-use, silane/siloxane water repellent. REPEL WB is formulated for use on concrete and masonry surfaces.

PRIMARY APPLICATIONS

Horizontal and vertical surfaces such as:
- Concrete
- Concrete Block
- Lightweight Concrete
- Brick
- Mortar joints
- Precast structures
- Horizontal or vertical
- Interior or exterior
- New (3 days old minimum) and existing structures

FEATURES/BENEFITS

- Repels water and salts on concrete/masonry surfaces
- Colorless & odorless
- Non-staining, non-yellowing, breathable
- Reduces efflorescence and spalling
- Will not alter texture or appearance of treated surface

TECHNICAL INFORMATION

Material Properties @ 75 °F (24 °C), 50% RH

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Viscosity</td>
<td>50 cp</td>
</tr>
<tr>
<td>Depth of penetration</td>
<td>3/8 in (9.5 mm)</td>
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<tr>
<td>Reduction in water absorption, SS-W-110C</td>
<td>90.5%</td>
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<tr>
<td>Flash point</td>
<td>&gt;200 °F (93 °C)</td>
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<tr>
<td>Accelerated weathering</td>
<td>1500 hours</td>
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<tr>
<td>Abrasion resistance</td>
<td>Excellent</td>
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<tr>
<td>Dirt pick-up</td>
<td>None</td>
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<tr>
<td>VOC content</td>
<td>50 g/L</td>
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</tbody>
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PACKAGING

REPEL WB is available in 1 gal (3.8 L) and 5 gal (18.9 L) units.

SHELF LIFE

1 Year in original, unopened container.

COVERAGE

Typical coverage is 80 to 150 ft²/gal (2.0 to 3.7 m²/L).
Coverage rates are approximate and for estimating purposes only. Test applications on actual surfaces are recommended to determine accurate coverage rates and effectiveness of water repellent.
DIRECTIONS FOR USE

Cure new concrete a minimum of 3 days before application. Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Remove any loose material and any coatings such as paint, curing agents, and sealers with Euclid’s Uni-strip sealer stripper. Degrease surface with Increte Systems GREASE-AWAY degreaser using 4-8 fl. Oz. of degreaser to one gallon of water then rinse.

Application: Low-pressure airless spray equipment is the preferred method of application, although for smaller areas, application with brushes or rollers may be acceptable. On vertical surfaces, application should be from the bottom up to ensure uniform product distribution. Apply a saturation coat with a 6 to 8 in (15 cm to 20 cm) controlled rundown. For dense surfaces, one saturation coat of REPEL WB is normally required. For porous surfaces two or more saturation coats of REPEL WB may be required, applied using a “wet on wet” technique.

SPECIFICATIONS/COMPLIANCEs

Meets performance standards of SS-W-110C

CLEAN-UP

Clean drips, runs, and overspray residue while still wet, using detergent and water. REPEL WB will not etch common glass; spills and overspray onto glass can be easily removed with a damp cloth. Dried material may require mechanical abrasion for removal. Clean application and spray equipment with detergent and water immediately following use.

PRECAUTIONS/LIMITATIONS

• Do not dilute.
• Air and surface temperatures must be at least 45 °F (7 °C) and rising.
• Do not apply if rain is expected within 12 hours of application.
• Water repellency properties will develop 24 hours to 5 days after application.
• REPEL WB is not intended to seal cracks or withstand hydrostatic pressure.
• Do not apply a “fog” coat.
• Do not allow to puddle. All product should penetrate the substrate with no surface build-up.
• Store between 40 to 90 °F (4 to 32 °C). Protect from freezing.
• REPEL WB may exhibit minor settling upon storage. Agitate before use.
• For professional use only
• In all cases, consult the Safety Data Sheet before use.

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