

Durex® Uretel WB A.G. "Anti-Graffiti"

Water-Based Polyurethane Anti-Graffiti Sealer

Description Durex® Uretel WB A.G. is a two-component water based polyurethane high-performance sealer designed to provide non-sacrificial anti-graffiti performance. Durex® Uretel WB A.G. is also an excellent above-grade clear protective coating and that protects surfaces and substrates from the effects of weathering, adding durability, colour and gloss retention while making the surface easy to clean.

Uses Durex® Uretel WB A.G. can be applied to existing concrete, masonry, stucco, EIFS and a variety of standard construction materials and surfaces to provide a durable, weather and graffiti resistant sealer. The cured sealer has excellent resistance to chemical-based graffiti and this allows removal of graffiti, without removal of the sealer. Because it is polyurethane based, it can be applied over many existing coatings to add anti-graffiti performance and other performance properties of such coatings.

- Advantages**
- Anti-Graffiti Coating
 - Long Term UV Resistance
 - Excellent Adhesion
 - Breathable
 - Flexible
 - Easy to Apply
 - Water-Based; Low Odour and low VOC
 - Extremely Durable, easy to clean
 - Good resistance to solvent and chemicals

TECHNICAL DATA

PHYSICAL PROPERTIES @ 25°C	
Solids by weight	50%
Density	1.00
Finish	Clear, water white. Available in different gloss levels (Gloss, Semi-Gloss, Satin & Matte)
Coverage	9.5 m ² /L (400 ft ² /gallon) @ 2 mils DFT Masonry surfaces: 2 coats recommended Sealed or painted surfaces: 2 coats recommended A test sample should be applied to establish practical coverage on the actual substrate.

PERFORMANCE PROPERTIES	METHOD	RESULT
Dry to touch	WPSTM E-86	4-6 hours @ 21°C
Recoating		2-4 hrs
Full cure		5 days
Dry film thickness		2-4 mils (DFT)
Hardness	ASTM D3363	H/HB
Salt Fog Resistance	ASTM B117	Pass (10000 hours)
Vapour Permeance	ASTM E96	13.5 US Perms
Abrasion Resistance	ASTM D968	201 g per mil
Artificial Weathering	ASTM D3359	No chalking. Loss of 4 gloss units

Storage	Durex® Uretel WB A.G. should be stored in a frost free environment. Shelf life of unopened containers is a maximum of 12 months. KEEP FROM FREEZING.
Packaging	Durex® Uretel WB A.G. is packaged in 1 gallon and 5 gallon kits.
Surface Preparation	Substrates to be coated must be solid, sound, properly prepared and free of any dirt, dust, oil, wax, rust, grease, efflorescence, debonding paint or any contaminant or substance that will effect adhesion and penetration into the substrate. Prepare all metal surfaces in accordance with SSPC PA1. Any de-bonded paint must be removed to bare metal. Prepare all concrete surfaces with a 2500 psi pressure washer or light grinding, removing all unsound concrete and laitance. Surface must be completely dry and free of excess moisture. Concrete and Masonry shall be primed with Durex® Wall Seal 15 (clear) or Dur-X-Cel 100 (pigmented).
Mixing/ Application	<p>Proper and careful mixing of Durex® Uretel WB A.G. is essential to product performance. Mixing shall be performed with a high speed 1800rpm power drill with a non-air entraining mixing blade (3" wide blade for 1 gallon kits and a 4 inch wide blade for a 5 gallon kits are recommended). Durex® Uretel WB A.G is supplied and pre-measured kits and shall be mixed in entirety. Pre-mix Part A first. Slowly add Part B while mixing the Part A into the vortex of the mixer. Mix for 5 minutes. Prior to use (or reduction) allow product to stand for 10-15 minutes after mixing.</p> <p>Apply material by brush, roller or sprayer. Spraying must be performed by experienced applicators with a minimum of 3 years of paint spraying experience using a 0.011"-0.017" tip up to 2000psi pressure. Paint can be reduced with water by 5% to facilitate spraying. When roller applied, avoid introduction of air bubbles in film. Use a 5mm-8mm lint free roller or high-density foam roller. Apply 2 thin coats of 2-4 mils WFT (1-2 mils DFT). Inter-coat times is limited to a maximum of 72 hours, or the surface will have to be abraded and solvent wiped prior to any subsequent coats.</p>
Limitations	<ul style="list-style-type: none"> • Do not apply at temperatures (ambient and substrate) below 10°C (50°F) or above 35°C (95°F) and when relative humidity is above 80%. • May affect appearance of original substrate/coating. Perform a test patch for approval prior to coating surface. • Do not allow to freeze • Do not apply over glazed / non-porous substrates • Coating must be completely cured to exhibit anti-graffiti properties
Health and Safety	For information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent SDS sheet containing physical, environmental, toxic and other safety/materials handling data. For Industrial use only. Keep out of reach of children.
Warranty	Durabond Products Limited fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case Durabond's responsibility shall not exceed either the refund of the purchase price or the replacement of the purchased product.
Technical Services	Technical support is available upon request at info@durabond.com . For the latest version of this data sheet, please visit our website at www.durabond.com , call toll free at 1-877-DURABOND (387-2266) or speak with your sales representative.



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