

A-T Sealer WB Foundation Dampproofing & Cavity Wall Coating

Description

A-T Sealer WB is a non-fibered, solvent free, water-based emulsion asphalt dampproofing for concrete or CMU construction. A-T Sealer WB is made to a consistency that allows either spray, brush or roller application. This material is a multipurpose coating that is cold applied and does not require heating or thinning prior to use. A-T Sealer cures to a smooth and seamless protective barrier to walls with excellent adhesion. A-T Sealer WB remains flexible in cold temperatures. Backfilling can occur 24 hours after application.

Typical Use

A-T Sealer WB is used to dampproof soil side faces of below grade concrete and CMU foundation walls and retaining walls. A-T Sealer WB is also used on interior surfaces of above grade cavity walls as a vapor retarder. Use on horizontal surfaces is not recommended.

Advantages

- Fast application rates for low labor cost
- Water-based; no VOC solvent content
- No primer needed
- Non-flammable
- Provides a seamless barrier
- Low material cost

Limitations

- Use when temperatures are above 32°F
- For vertical walls only

Installation

For detailed installation instructions please review A-T Sealer WB Application Instructions.

Surface preparation: Make sure surfaces to be sealed are cured, smooth, dry, unfrozen and free of dirt, dust, loose debris, curing agents, release agents, oil and grease. On concrete walls fill voids, honeycombs and tie holes with non-shrinking grout or mastic. Remove fins, ridges, ties and splatters. Cracks in concrete joints greater than 1/16" across are to be filled with non-shrinking grout or mastic prior to application. Do not leave installed A-T Sealer WB exposed to sunlight for more than 30 days.

Primer: No primer is necessary

Apply A-T Sealer WB 20 mils wet thickness. Measure thickness with a wet mil gauge.

A-T Sealer WB-Roller Application: Roll on A-T Sealer WB with a 1" knap roller. Start at the base of the wall and work up. Build thickness to 20 mils. Do not apply in temperatures lower than 32°F. If additional coats are necessary, re-apply after previous coats have cured.

A-T Sealer WB-Brush Application: Brush on A-T Sealer WB with a heavy duty coarse brush. Start at the base of the wall and work up. Build thickness to 20 mils. Do not apply in temperatures lower than 32°F. If additional coats are necessary, re-apply after previous coats have cured

A-T Sealer WB-Spray Application: Spray A-T Sealer WB with special airless spray equipment capable of 1000 psi. Build thickness to 20 mils. Start at the base of the wall and work up. Apply in multiple light coats in one pass. Do not apply in temperatures lower than 32°F. If additional coats are necessary, re-apply after previous coats have cured. Avoid high wind conditions to minimize overspray.

Physical Properties

<u>Property</u>	<u>Description</u>
Color	Black
Solids	60-70%
Density	7.6 lbs/gallon
Application	Roller, Brush, Sprayer
Cure Time	16-24 Hours @ 75°F, 50% Humidity
Thickness	20 mils
Coverage Rate	50 sq. ft/gal
Minimum Application Temp.	32°F

Technical Data

<u>Property</u>	<u>Test Method</u>	<u>Results</u>
Elongation	ASTM D-412	180%
Tensile Strength	ASTM C-719	32 psi @ 75°F
Ability to Remain in Place	ASTM C-836-89	Good
Resistance to Mold	ASTM D-3274	No Growth
Water Solubility	ASTM D-2939 par 17	None
Resistance to Hydrostatic Pressure	Fed. Spec. TT-C-555 B par 4.4.7	No leaks, No weight gain to substrate
Water Vapor Transmission	ASTM D-1653	0.42 Perms
Water Solubility	ASTM D-2939	No blistering or re-emulsification
Resistance to Water Flow	ASTM D-466, par 5	
Bond Adhesion to Substrate		Good
Reemulsification		None

Packaging

5 Gallon Pails, 55 Gallon Drums, 330 Gallon Totes
Shelf life in original unopened containers, stored between 50°F- 90°F; 3 months

Warranty

Applied Technologies warrants that for a period of 12 months from the date of manufacture or for the duration of the published shelf life, whichever is less, that at the time of shipment, the product is free of manufacturing defects and conforms to published specifications in force on the date of acceptance by "the company" of the order. Applied Technologies shall only be held liable under this warranty if the material has been stored, used and applied in accordance with Applied's instructions in the products technical data sheet.

If Applied Technologies, in its sole discretion determines that the product breached the above warranty it will in its sole discretion replace the non-conforming product, refund the purchase price or issue a credit to the buyer of the product. The dollar value of Applied's liability and the buyer's remedy under this limited warranty shall not exceed the purchase price of the material in question. This is the only warranty extended by Applied. There are no other warranties including implied warranties of merchantability and fitness for a particular use and purpose. Applied specifically disclaims liability for any incidental, consequential or other damages including but not limited to, loss of profits or damages to a structure or its contents.

THE FOREGOING WARRANTY SHALL BE EXCLUSIVELY AND IN LIEU OF AN OTHER WARRANTY, EXPRESS OR IMPLIED INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE AND PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OR DEALING, CUSTOM, TRADE OR OTHERWISE

