

A-T Sealer Foundation Dampproofing & Cavity Wall Coating

Description

A-T Sealer is a non-fibered, solvent-based asphalt dampproofing for concrete or CMU construction. A-T Sealer 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 thinning prior to use. A-T Sealer cures to a smooth and seamless protective barrier to walls with excellent adhesion. A-T Sealer remains flexible in cold temperatures. Backfilling can occur 24 hours after application.

Typical Use

A-T Sealer is used to dampproof soil side faces of below grade concrete and CMU foundation walls and retaining walls. A-T Sealer 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
- No primer needed
- Provides a seamless barrier
- Low material cost

Limitations

- Use when temperatures are above 0°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 exposed to sunlight for more than 30 days.

Primer: No primer is necessary

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

A-T Sealer -Roller Application: Roll on A-T Sealer 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 0°F. If additional coats are necessary, re-apply after previous coats have cured.

A-T Sealer -Brush Application: Brush on A-T Sealer 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 0°F. If additional coats are necessary, re-apply after previous coats have cured

A-T Sealer -Spray Application: Spray A-T Sealer with special airless spray equipment capable of 2500 psi. Maintain product temperature between 100-150° F during application process. 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 0°F. If additional coats are necessary, re-apply after previous coats have cured. Avoid high wind conditions to minimize overspray.

Physical Properties

Property	Description
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.	0°F

Technical Data

Property	Test Method	Results
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
Remulsification		None

Packaging

5 Gallon Pails, 55 Gallon Drums, 330 Gallon Pails
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.

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