

Wall-Tite

A High Quality Elastomeric Coating for Exterior Above-Grade Walls

Composition: Wall-Tite combines acrylic polymer emulsions to form an elastomeric waterproof membrane possessing outstanding adhesion to various substrates. Wall-Tite is a flexible "breathing" membrane, allowing moisture vapor from substrate of building interior to escape through the coating while remaining impervious to mass water penetration from the exterior. Wall-Tite is asbestos free.

Basis Uses: Wall-Tite was specifically developed to seal concrete and masonry exteriors. It has the ability to uniformly cover the textured profile of substrates, forming a continuous membrane resistant to weather and air-borne pollutants. Wall-Tite effectively covers and bridges existing hairline cracks and repaired areas. It will provide a long-term, aesthetically pleasing coating on all types of concrete and masonry surfaces.

Limitations:

- Do not use over cold-storage tanks or buildings where a vapor barrier coating is required.
- Do not use in interior applications in place of a thermal barrier.
- Do not apply if weather conditions will not permit complete cure before rain, dew, or freezing temperatures. Wall-Tite requires complete evaporation of water to cure. Cool temperatures and high humidity retard cure.
- Do not store below 32°F (0°C). Keep from freezing.
- Do not apply below 50°F (10°C), or when there is a possibility of temperatures dropping below 50°F (10°C) during cure.

Product Advantages	
Features	Benefits
Outstanding adhesion	<ul style="list-style-type: none">• Minimal preparation required
"Breathing" membrane	<ul style="list-style-type: none">• Allows moisture vapor from building interior to escape• No wall "blow-out" due to freeze-thaw of trapped moisture
Elastomeric qualities	<ul style="list-style-type: none">• Accepts natural expansion and contraction• Eliminates cracking/peeling associated with other coatings

Grade: Spray/brush/roll

Colors: White, light gray, tan. Special colors available upon request.

Recommended spray equipment:

Pump: Minimum 30:1 ratio airless.

Screen Size: 30 mesh or larger.

Spray tip: 0.021" to 0.031" (0.5-0.8 mm) reversible self-cleaning spray tip with 40° to 60° fan.

Packaging: Available in 5 gallon (19 L) containers.

Storage Life: One year in unopened containers.

APPLICATION DATA

Preparation: Prior to application, existing hairline cracks should be filled by brushing or spraying Wall-Tite into each crack in sufficient quantity to totally hide crack. All cracks larger than hairline should be considered as "moving" cracks and should be grouted, cleaned, and filled with TremSEAL GP or TremSEAL HP.

Unpainted: Bare concrete, brick, stucco, or masonry must be structurally sound, clean, dry, fully cured, and free from dust, curing agents, or form release agents, efflorescence, scale and other foreign materials. Wall-Tite may be applied directly to clean surfaces of concrete, brick, or stucco.

Previously Painted: All dust, dirt, efflorescence and loosely-adhered old paint or coating must be removed.

Paints which show failure due to alkalinity and moisture recognizable by flaking, peeling, and white deposits must be completely removed.

Wash chalky surfaces with Tri-Sodium Phosphate (TSP) solution. Rinse wall thoroughly with clean fresh water. Perform spot adhesion tests. If tests indicate poor or marginal adhesion, retest by first applying Wall-Tite Primer then Wall-Tite. If adhesion is still marginal or poor, remove existing paint or coating by sandblasting or other mechanical means.

Application: Mix Wall-Tite thoroughly before use with a slow speed mixer. Keep material mixed. If left standing, Wall-Tite will settle into a two-stage suspension.

Wall-Tite may be applied by either conventional or airless spray equipment. Airless spray is the most effective method for obtaining uniform film build. Brush or roller may be used for touch-up and edging work or for small areas not practical for spray application.

To achieve a smoother final surface on block, apply a high quality acrylic block filler at 50-75 ft²/gal (1.2-1.8 m²/L) or according to recommended coverage rates on label.

All surfaces such as concrete block, stucco, brick, or concrete should be sprayed with multi-directional spray passes to ensure positive coverage. Wall-Tite must be applied in a minimum of two separate coats to ensure uniform film build and proper cure rate. Allow first coat to cure touch-dry. Apply second coat perpendicular to first coat.

Coverage: Apply Wall-Tite at 1 gal/100 sq ft/coat (0.4 L/m²/coat) maximum. Coverage rate may vary depending on the porosity and texture of the surface being coated. Coverages are provided as guidelines. Variances in surface may require adjustment of recommended rates. Proper coverage entails a continuous film of coating with no material drippage.

Wall-Tite Coverage

Substrate	Gal/100ft ²	Ft ² /gal
Concrete	2.0 (0.8 L/m ²)	50 (1.2 m ² /L)
Concrete block, brick	2.5 (1.0 L/m ²)	40 (1.0 m ² /L)
Lightweight pumice block	3.0 (1.2 L/m ²)	33 (0.8 m ² /L)
Split face, stucco, or coarse textured surfaces	3.5 (1.4 L/m ²)	29 (0.7 m ² /L)

Apply in minimum of two coats. More than 2 coats may be needed to obtain minimum coverage without excessive 1 coat wet film build.

Wall-Tite applied at 1 gal/100ft² (0.4 L/m²), will theoretically yield 9.6 mils (0.24 mm) on a smooth, non-porous surface. Allow approximately 15-30% additional material to each category above for structures with grooved design or recessed mortar joints.

Equipment Clean-Up: Clean equipment with soap and water immediately after use.

Precautions: Users must read container labels and Material Safety Data Sheets for health and safety precautions prior to use.

Availability and Cost: Contact your local Tremco Roofing Representative for pricing and availability. For the name and number of your Representative, call the Roofing Division at 216/292-5000.

Maintenance: Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

Guarantee/Warranty: Tremco Inc. warrants Wall-Tite to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, we will provide, at no charge, Wall-Tite in containers to replace any Wall-Tite proven to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYERS SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product.

This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Physical Performance Characteristics

Wall-Tite

Property	Typical Value	Test Method
Nonvolatile content	70%	ASTM D 1644-88
Viscosity @ 77°F (25°C)	7,000 cP (7 Pa·s)	ASTM D 2196-86
Density @ 77°F (25°C)	11.8 lb/gal (1414 kg/m ³)	ASTM D 1475-85
Tensile strength @ 77°F (25°C)	150 psi (1,034 kPa)	ASTM D 412-87
Elongation @ 77°F (25°C)	220%	ASTM D 412-87
Hardness (Shore A)	65	ASTM D 2240-86
Permeance, procedure A	2 perms	ASTM E 96-92
Dry time @ 77°F, 50% RH, 20 mils wet (25°C, 50% RH, 0.5 mm wet)	2 h	ASTM D 711-89
Low temperature flexibility	<-10°F (-23°C)	ASTM C 711-72

Technical Services: Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service staff.

Statement of Policy and Responsibility: Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

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