

# WALL SPRAY

POLYMER MODIFIED,  
LIGHTWEIGHT CEMENTITIOUS COATING



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[www.SureCreteDesign.com](http://www.SureCreteDesign.com)

## Technical Data

### COVERAGE

40 lb. (18.1 kg) bag = ¼" (6.35 mm) - 28  
-30 sq. ft. (2.6—2.79 sq. meter)

### TECHNICAL DATA

COMPRESSIVE STRENGTH ASTM C-  
109

28 day 3875 PSI (26700 kPa)

ABRASION RESISTANCE

Modified Taber

28 days % loss – 500 cycles –  
<.40%

TENSILE STRENGTH

ASTM C-190

28 day 430 PSI (2965 kPa)

FLEXURAL STRENGTH

ASTM C-348

28 day 980 PSI (6756 kPa)

MOSAIC SHEAR

ANSI A 118.4

28 day 275 PSI (1896 kPa)

Density – 126.10 lbs. /cu. ft.  
(2018 kg/m<sup>3</sup>)

### CURING

Allow to air cure after application. Care should be taken when weather conditions impart variables that may cause the spray texture to dry out too quickly. High heat, sunlight and especially windy conditions may be detrimental to the proper curing of the spray texture. Attempt to minimize application during such harsh conditions by working during cooler hours, keeping all materials shaded prior to mixing and setting up plastic or temporary walls to block wind. **Wall Spray** should achieve initial set in approximately 8 hours.

### WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufactures/seller's option. SureCrete Design Products shall not be liable for cost of labor or direct and/or incidental consequential damages.

### DESCRIPTION

**Wall Spray** is a trowelable and/or hopper gun / compressed air applied cementitious coating for texturing both interior and exterior surfaces. Typical areas include retention walls, entry/accent walls, columns, gable ends, fireplace accents, and any other vertical surface or wall. **Wall Spray** is formulated to provide excellent bonding to new as well as existing concrete, concrete block, foam, drywall, plaster, plywood, and even painted surfaces.

### SURFACE PREPARATION

Remove all laitance, efflorescence, chemical contaminants, grease, oil, old loose paint, rust, algae, mildew, and other foreign matter that may serve as a bond breaker. The prepared surface must be clean and structurally sound. **Super Concrete Renovator (SCR)** diluted with water at the ratio 2:1 (2 parts water to 1 part **SCR**) is recommended to efficiently clean and prep the vertical surface. For painted surfaces, **SurePrime** is recommended for optimum bonding, but recognize that the bond created is only chemical. Ambient temperature and substrate temperature must be 40°F (5°C) and rising before installation. Surface at 100°F (38°C) and above must be cooled before installation.

### APPLICATION

**Base Coat:** Mix water at the rate of approximately 3.5 to 4 qts. (3.3—3.78 L) of water to 1 - 40 lb. (18.1 kg) bag of **Wall Spray**. Mechanically mix for to yield a lump-free flowable consistency. Place the base coat with a hawk and trowel or spray from hopper gun or any commercial compressed air applied equipment at desired pressure and orifice size. As part of any exterior insulation finishing system (EFIS) or more traditional hard coat cladding, for proper impact protection, structural reinforcement, and crack resistance, a minimum standard 4.5 oz. (127 g) fiberglass mesh is required. The fiberglass mesh is encapsulated within the base coat. This encapsulation will require material being installed for base coat at a minimum of 1/8—3/16" (3.175—4.76 mm). To complete the encapsulation the mesh must be troweled into the base coat.

Fiberglass mesh may be eliminated for concrete substrates. Concrete block must have sufficient material, a minimum 1/8—3/16" (3.175—4.76 mm) thoroughly dried (usually 24 hours after application) to prevent the grout lines (i.e. "head" and "butt" joints) from bleeding through into the top coat.

Follow recognized industry standards for flashing installation.

Interior applications on drywall require that the drywall be taped, finished, and primed with at least one coat of paint.

(Note: gun settings may range from 15-40 psi [100—276 kPa] and 7/16" – 19/64" [11—7.5 mm] orifice.) When using compressed air applied equipment, be certain to maintain 100% coverage of host surface. Customarily the base coat is troweled flat. Upon evaluation of the base coat, a second base coat may be applied to effect a smooth surface. After base coat has dried, tape or stencil patterns may be applied. The base coat may be integrally tinted with one of thirty **SureCrete's Color Packs**. The base coat may provide a contrast with finish coat that creates detailed or intricate grout lines in finished product.

**Finish Coat:** Allow the base coat to dry at least 24 hours before proceeding with the finish coat. After drying apply finish coat with the same ratios and standards of mix. The finish coat may be integrally tinted with one of thirty **SureCrete's Color Packs**. Customarily compressed air applied equipment is for this application. Total material thickness with both the base and finish coat is a minimum of 1/4" (6.35 mm)

For *splatter, knockdown, or lace* texture use 8-15 psi (55—100 kPa) through a relatively large orifice, 7/16" [11mm]. (Contractors choice). Coverage should be approximately 75-80% of base coat below. As the wet, glossy material begins to dry to a matte or dull appearance, it may be knocked down with a hand trowel.

For *bubble texture or sand-finish* use 40 psi (276 kPa) through a relatively small orifice, 19/64" [7.5 mm](Contractors choice) Coverage should be 80 - 100%. Subsequent accent colors can be at any rate desired. Note that product desired with more relief from the base coat should be sprayed in "lifts" to prevent "sagging".

Allow product to dry to touch before pulling any stencil or tape lines. The finish product receives **SureCrete's Eco-stain** very well. For application that have Wall Spray integrally tinted , prepare an approved sample, as the final color may have multiple shades and hues that can be very appealing when expected. Two coats of sealer are recommended. **SureCrete's Hi-Gloss WB** is an excellent choice for a clear sealer. Do not use a solvent borne sealer on any application upon foam products. A good quality elastomeric paint will also provide adequate protection.

**LIMITATIONS**-Apply in temperatures between 40°F (5°C) and 100°F (38°C). This product should be applied by competent contractors experienced in its placement.