

SILPRO

SMB Stucco Masonry Bond®

Latex Admixture/Internal Bonding Agent
Improves Adhesion and Abrasion Resistance
Increases Tensile and Flexural Strengths
Outdoors and Indoors

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SILPRO SMB STUCCO MASONRY BOND® is an acrylic latex that can be used as an admix/internal bonding agent for the enhanced adhesion, abrasion resistance, tensile and flexural strength of stucco, mortar, concrete and plaster.

SMB can also be used as a bonding agent to increase the bond during all types patching, overlays, plaster and stucco applications.

ADVANTAGES

- Increases Bond Strength
- Improves Strength (Flexural, Tensile, Abrasion Resistance) of Stucco, Mortar, Concrete and Plaster
- Reduces shrinkage, cracking, chipping, spalling and delamination
- Low VOC (less than 4 grams per liter)
- Non-rewettable (can be submerged in water after curing)
- May contribute to LEED credits

TECHNICAL DATA

As a bonding agent, SMB meets the requirements of ASTM C-1059 when tested according to ASTM C-1042.

Type I Redispersible: 1050 psi (ASTM C-1059 requires 400 min.)

Type II Non-redispersible: 1970 psi (ASTM C-1059 requires 1250 min.)

SURFACE PREPARATION

Concrete substrates must be clean and sound. Remove all curing compounds, waxes, oils, paints, grease, form-release agents, dirt, mildew, adhesives, friable materials or any other contaminants that may impede bond. This is best done by mechanical abrasion. Surfaces must be dust-free, porous and have a profile (texture, not smooth).

APPLICATION

SMB may be used as a bonding agent, as a admixture, or for optimal performance used as both an admixture and bonding agent.

Bonding Agent: Apply SMB undiluted to the substrate by brush, roller, or spray. Allow to absorb into the substrate but still remain damp. Apply concrete, mortar, stucco or plaster while SMB is still damp (optimal) or before 24 hours.

Admix: Dilute the SMB 1:1 with potable water. Add this solution to the desired cement or gypsum based material in lieu of water and mix per material's instruction. SMB provides a film to retain moisture so do not over trowel or work the material once placed.

LIMITATIONS

- Keep SMB from freezing
- Do not apply to frozen surfaces
- Do not apply when temperature is below 40F
- Keep SMB free of contaminants before concrete, stucco, mortar or plaster is placed
- To determine the suitability of the substrate surface for adhesion and performance, install a test sample at the maximum designed thickness and representative size using the techniques, equipment, and materials to be used, for approval by the owner, architect, or contractor prior to proceeding with the job.

PACKAGING

1 Gallon bottle (3.79 liters)

5 Gallon pail (18.93 liters)

55 Gallon drum (208.23 liters)

COVERAGE

250-300 sq. ft. per gallon depending on porosity of the substrate.

SHELF LIFE

2 years, when stored in unopened containers at 50F -80F (10C-25C). Do not allow to freeze.

CAUTION!

SILPRO offers products that may contain cement, latex, epoxy, and other chemicals. Please review the Safety Data Sheet before the use of this product.

GUARANTEE

Please call SILPRO, LLC for copy of guarantee.



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For Customer Service, Call Silpro at 1-800-343-1501