

Stucco Surface Leveler

Polymer-modified dry-mix leveling and embedment coat for use with Stucco Systems by Master Builder Solutions and other Portland Cement Based Stucco

DESCRIPTION

Polymer modified dry-mix leveling and embedment coat that contains Portland cement and additives.

PACKAGING

50 lbs per bag
 (22.6 kg per bag)

COVERAGE

DiamondShield Mesh:
 approximately 90 ft²

Flexguard 4 oz Mesh:
 approximately 70 ft²

SRT Mesh: Approximately 70 ft²

When using to embed mesh or as a leveler, coverage will depend on application thickness and surface profile.

ACCEPTABLE SUBSTRATES

StuccoBase by Master Builders Solutions, or other cement based plaster (stucco)

WORKING TIME

Depending on temperature and humidity, pot life is between 1–2 hours after water has been added.

DRYING TIME

The drying time of Stucco Surface Leveler is dependent on ambient conditions. Under conditions of [70 °F (21 °C), 50% R.H.], Stucco Surface Leveler will fully dry in 24 hours. Protect application from rain for at least 24 hours.

SHELF LIFE

Shelf life is one year when unopened and stored as directed.

USES

Stucco Surface Leveler can be used as a leveler or to embed mesh for a crack suppression system for Master Builders Solutions Wall Systems or conventional stucco systems. It can be used in commercial and residential construction.

NOT FOR USE WITH MASTER BUILDERS SOLUTIONS EIFS OR CBS WALL SYSTEMS.

MIXING

1. Prepare to mix one bag in a 5 gallon (19-liter) pail that is clean and free of foreign substances. Do not use pails that have contained or been cleaned with a petroleum based product.
2. Fill the container with approximately 1.3 gallons (4.9 liters) of clean, potable water.
3. Add a full bag of Stucco Surface Leveler to the pail in small increments, mixing after each addition.
4. Mix with a low speed drill and paddle mixer until thoroughly blended.
5. Additional 0.3 gallons of water for a maximum of 1.6 gallons (6 liters) may be added to adjust workability. Retemper before use if needed.
6. Let stand for 5 to 10 minutes, then remix for 1 minute.

7. Additives are not permitted.
8. Close container when Stucco Surface Leveler is not in use.
9. Clean tools and equipment with water immediately after use. Dried materials can be mechanically removed.

APPLICATION

For embedding 4 oz Reinforcing Mesh, SRT Mesh or DiamondShield Mesh: Apply only to stucco surface that has been cured for a minimum of 6 days. Embed reinforcing mesh in wet Stucco Surface Leveler. Stucco Surface Leveler shall be applied to achieve full reinforcing mesh embedment with no mesh color visible. Ensure mesh is free of wrinkles. Slight mesh pattern may be visible after drying due to shrinkage. Allow Stucco Surface Leveler with embedded mesh to dry hard (24 hours) prior to application of primer or finish.

As a leveler: Apply to cured stucco surface. Apply Stucco Surface Leveler in a level application creating a uniform surface. Maximum thickness shall not be more than 1/4". Allow Stucco Surface Leveler to dry for 24 hours prior to application of primer or finish.

FEATURES	BENEFITS
Dry, bagged product	Does not require heated shipping or storage; just add water to mix
Mix only what you need	Use for small repairs; reduces dumpster and landfill costs of pail disposal
Lowered cement-to-polymer ratio	Reduces the chance for efflorescence
Smooth, creamy consistency	Trowels easily, speeds mesh embedment, reduces applicator arm fatigue, increases job-site productivity
Water based	Safe, non-toxic; clean up easily with soap and water

Technical Data

TEST	METHOD	RESULTS
3 Day Adhesion ¹	ASTM D4541	50 PSI
1 hr Water Absorption	Rilem TM 11.4	1.5 ml

*Results are based on lab testing under controlled conditions. Reasonable variations can be expected.

¹StuccoBase Premix substrate.

LIMITATIONS

1. Protect bagged materials from moisture during transportation and storage.
2. Store materials in a cool, dry place. Protect from extreme heat and direct sunlight.
3. Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 4 °C (40 °F) prevail.
4. Protect from freezing for at least 72-hours after installation.
5. Do not apply if rain is forecast within 24-hours of application.
6. Do not apply over painted surfaces.
7. Do not apply over foam shapes.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.com/en-us, e-mailing your request to mbsbscst@mbcc-group.com or calling +1 (800) 433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

TECHNICAL SUPPORT

Consult Master Builders Solutions Technical Services Department at +1 (800) 589-1336 for specific recommendations concerning all other applications. Consult the Wall Systems website at www.master-builders-solutions.com/en-us, for additional information about products and systems and for updated literature.

VOC CONTENT

0 g/l, or 0 lbs/gal less water and exempt solvents.

LIMITED WARRANTY NOTICE

Master Builders Solutions Construction Systems US, LLC ("Master Builders") warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. MASTER BUILDERS MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of Master Builders. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. MASTER BUILDERS WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on Master Builders' present knowledge and experience. However, Master Builders assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. Master Builders reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.

FOR PROFESSIONAL USE ONLY. NOT FOR SALE TO OR USE BY THE GENERAL PUBLIC.

For the most current version of this literature, please visit our website at www.master-builders-solutions.com/en-us.