

StuccoBase™ Premix

PACKAGING

36.3 kg (80 lbs) per bag

COVERAGE

Coverage may vary depending upon surface conditions and application technique.

2.2–2.4 m² (23–26 ft²) per

80 lb bag at a thickness of 3/8"–1/2"

DESCRIPTION

Factory-blended mixture of Portland cement, reinforcing fibers, sand, and other proprietary ingredients. StuccoBase Premix conforms to ASTM C926, the standard specification for application of Portland cement-based stucco and ICC-ES acceptance criteria AC-11 for cementitious exterior wall coatings.

USES

For use with the Master Builders Solutions Stucco Wall Systems. Acceptable substrates include: PermaBase® Cement Board and other cement-boards conforming with ASTM C1325 (Type A-exterior); poured concrete/unit masonry; ASTM C1177 type sheathings including eXP™ sheathing; GlasRoc® sheathing; Securock™ glass-mat sheathing; DensGlass™ exterior sheathing; GreenGlass sheathing and Weather Defense Platinum sheathing; gypsum sheathing (ASTM C79/C1396), expanded polystyrene insulation board complying with ASTM C578 Type II with nominal 1.35 lbs/ft³ density, Exposure I or exterior plywood (Grade C/D or better), or Exposure I OSB, to which an air/water-resistive membrane and lath are attached.

MIXING

1. Use mixer which is clean and free of foreign substances.
2. Add 7.6-9.5 liters (2–2.5 gallons) of clean potable water to mixer.
3. Slowly add one bag of Stuccobase premix.
4. Mix for one minute at normal mixing speed. Allow material to set for 2–4 minutes with mixing blades at rest. Then re-mix, adding water to achieve desired consistency. Desired consistency varies with type of application (trowel or gun), substrate (paper-backed lath or block) and whether the stucco is applied to a wall or a ceiling.

Note: Over-mixing may cause excessive air entrainment. (Due to the potential of uncontrolled air-entrainment, the use of latex polymers with StuccoBase Premix is not recommended. Before making any on-site additions other than water to StuccoBase Premix, consult specific additive manufacturer for recommendations.)

ADVANTAGES

Superior weathering properties; long-term durability

Proprietary formulation; improved moisture resistance and low water absorption

Fiber reinforced; resists shrinkage cracking when properly cured

Needs only addition of water; easy to mix and use with consistent results

Sand is factory added, consistency in sand; quality assurance

APPLICATION

1. Apply Master Builders Solutions Stucco Wall System materials in accordance with current specifications and details.
2. Over wood or metal framing with sheathing, a water-resistive barrier and PermaLath, PermaLath 1000, wire fabric or self furring, expanded metal lath must be installed in accordance with ASTM C1063. When installed over wood based sheathing, two layers of grade D building paper are required or one layer of Grade D 60 minute paper with one layer of EPS or extruded polystyrene board with tongue and grooved edges or other substantially non water absorbing layer or drainage space are required, prior to installation of the lath. When Master Builders Solutions Wall Systems Fluid Applied Barrier is applied, a slipsheet is required between the lath and barrier.
3. Over concrete or masonry, remove all dust, dirt, grease, oil, laitance, efflorescence, biological residue, existing paint or coatings, curing compounds, form release agents or any other contaminants which might affect the bond. StuccoBond may be used to increase bond strength.
4. Trim accessories are installed per ASTM C1063, the project requirements, and/or specifications.
5. A. For 9.5 mm (3/8") to 13 mm (1/2") application, apply mixed STUCCOBASE™ PREMIX to the acceptable substrate by hand troweling or machine spraying in one coat to a minimum thickness of 9.5 mm (3/8") and a maximum thickness of 13 mm (1/2") completely embedding the lath. Use a rod and darby to level the applied base coat without exposing the lath.
- OR -
 - For 19 mm (3/4") to 22 mm (7/8") application, apply mixed StuccoBase premix first "scratch" coat to the acceptable substrate by hand troweling or machine spraying to a minimum thickness of 9.5 mm (3/8") and a maximum thickness of 13 mm (1/2"), ensuring that the first coat is thick enough to embed the lath and allow for scoring of the surface. As soon as first coat becomes firm, score the entire surface in one direction only. Score vertical surfaces horizontally to provide key for second coat.
 - Apply the second "brown" coat by hand troweling or machine spraying to provide the required total thickness as soon as the first coat is rigid enough to accept it without damage to the first coat. Level surface using rod or darby.

- Brown coat must be uniform in thickness. Ensure that the second coat is applied over a damp first coat. The first coat and second coat combined thickness will be from 19 mm (3/4") to 22 mm (7/8"). This double back method of application is done where by the first and second coats are applied and cured as one system. Application of the second brown coat may be delayed, provided the second coat is applied over a sufficiently damp first coat.
6. After surface has sufficiently hardened, use sponge or hard rubber float as required to fill voids, holes or imperfections, leaving surface ready to receive StuccoPrime or Finish Coat.
 7. Damp cure for at least 48 hours by lightly and evenly fogging the surface with water at least twice a day. Direct sunlight, hot temperatures, low humidity and wind may make additional fogging necessary.
 8. Allow Stuccobase premix to cure a minimum of 6 days prior to application of EPS insulation board shapes, Master Builders Solutions Base Coats or Primer and Finish Coat application.

LIMITATIONS

1. Surface and ambient temperatures must be between 4 °C and 36 °C (40 °F-100 °F) during the application and curing.
2. Do not install stucco under hot, dry, or windy conditions.
3. Avoid applying in direct sunlight.
4. Protect walls from rain, snow, and frost for a period of 48-72 hours; otherwise, low strength, streaking, or efflorescence may occur.
5. Do not install stucco over accessories, such as lights, bullet boxes, hose bibs.
6. Texture will vary depending upon application technique and sand type; test installations are recommended.
7. Apply Stuccobase premix in a continuous application within the area defined by expansion joints; always work to a wet edge to eliminate cold joints.
8. Proper application is the responsibility of the user.
9. Protect materials from moisture during shipment and storage.
10. Shelf life of StuccoBase Premix is 8 months if stored as directed.

PROPOSITION 65

This product contains materials listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

VOC CONTENT

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

NOTE

Master Builders Solutions Wall Systems is an operating unit of Master Builders Solutions Corporation (herein referred to as "Master Builders Solutions Wall Systems")

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.

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.

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