

Alpha Dry Base Coat

Dry-mix polymer adhesive and base coat

PACKAGING

22.6 kg per bag (50 lbs per bag)

COVERAGE

Approximate coverage rates are as follows:

1. Adhere EPS insulation board to substrate: 6.5 m² (70 ft²) per bag via notched trowel method
2. Embed Flexguard 4: 11.1 m² (120 ft²) per bag, Embed Intermediate 12: 7.8 m² (85 ft²) per bag, Embed Hi-Impact 20 & Flexguard 4: 6.5 m² (70 ft²) per bag
3. Adhere EPS insulation board to substrate and embed Flexguard 4: 4.6 m² (50 ft²) per bag

TECHNICAL DATA

CAN4-S101-M standard methods of fire endurance tests of building construction & materials:

The Senerflex Wall System with Alpha Dry Base Coat satisfied conditions of acceptance.

CAN4-S114 standard test for determination of non-combustibility in building materials:

Alpha Dry Base Coat satisfied conditions of acceptance.

DESCRIPTION

Dry-mix polymer adhesive and base coat containing Portland cement, and requiring only water for mixing.

USES

1. For use with the Senerflex Wall System to adhere expanded polystyrene insulation board to the following acceptable substrates: ASTM C1177 type sheathings, including DensGlass™ exterior sheathing, eXP™ sheathing, GlasRoc® sheathing, Securock™ glass-mat sheathing, Weather Defense™ Platinum sheathing, GreenGlass® sheathing, PermaBase™ cement-board by National Gypsum and other cement-boards (ASTM C1325 Type A Exterior), Untreated Exposure I or exterior plywood sheathing (grade C-D or better), Untreated Exposure I OSB, gypsum sheathing (ASTM C79/ASTM C1396), poured concrete/unit masonry.

Note: Wood-based sheathing substrates require priming with Senerprime.

2. To adhere expanded polystyrene insulation board to expanded polystyrene insulation board.
3. For use with Senerflex, Senturion I, II, and III, Senergy Cement-Board Stucco System and all Senergy Surfacing Systems to embed Corner mesh and Senergy Reinforcing Mesh.

MIXING

1. Prepare each bag in a 19-liter (5-gallon) container which is clean and free of foreign substances. Do not use a container which has contained or been cleaned with a petroleum-based product.
2. Fill the container with approximately 5.6 liters (1.4 gallons) of clean, potable water.
3. Add Alpha Dry Base Coat in small increments, mixing after each addition.
4. Mix the contents of the Alpha Dry Base Coat pail with a low speed drill and paddle mixer until thoroughly blended.
5. Additional Alpha Dry Base Coat or water may be added to adjust workability.
6. Let stand for 5 to 10 minutes, then remix and retemper before use.
7. Additives are not permitted.
8. Close container when not in use.
9. Clean tools and equipment with water immediately after use. Dried material can only be removed mechanically.

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
Lower 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

APPLICATION

TO ADHERE EPS TO ACCEPTABLE SUBSTRATES OR TO OTHER EPS:

Notched trowel method—Apply mixed Alpha Dry Base Coat to entire surface of insulation board using a stainless steel trowel with 13 mm x 13 mm (1/2" x 1/2") notches spaced 13 mm (1/2") apart, or 10 mm x 10 mm (3/8" x 3/8") notches spaced 10 mm (3/8") apart.

-OR-

Ribbon & dab method—Apply a ribbon of mixed Alpha Dry Base Coat approximately 50 mm (2") wide by 10 mm (3/8") thick to entire perimeter of each board with a trowel. Apply dabs or ribbons of 10 mm (3/8") thickness by 100 mm (4") in diameter, approximately 200 mm (8") o.c. over entire surface of board to ensure uniform contact and high initial grab.

Note: Ribbon & dab method is not recommended on gypsum sheathing substrates or Dens-Glass exterior sheathing or other ASTM C1177 sheathing. Allow application of insulation board to dry (normally 8 to 10 hours) prior to application of Alpha Dry Base Coat/Reinforcing Mesh.

TO ADHERE EPS TO ACCEPTABLE SUBSTRATES ON SENERFLEX CHANNELED ADHESIVE DESIGN OPTION ONLY:

Apply to solid surface of insulation board using a stainless steel trowel with 13 mm x 13 mm (1/2" x 1/2") notches spaced 50.8 mm (2") apart, with the notches installed vertically [parallel to the 50.8 mm (2") dimension]. Allow application of EPS insulation board to dry (normally 8 to 10 hours) prior to application of Alpha Dry Base Coat/Reinforcing Mesh.

AS A BASE COAT FOR EMBEDDING REINFORCING MESH:

Alpha Dry Base Coat shall be applied so as to achieve Reinforcing Mesh embedment with no Reinforcing Mesh color visible. Ensure Reinforcing mesh is free of wrinkles. Allow Alpha Dry Base Coat with embedded Reinforcing Mesh to dry hard (normally 8 to 10 hours) prior to application of Primer or Finish.

LIMITATIONS

1. Protect bagged materials from moisture during transportation and storage.
2. Store Senergy materials in a cool, dry place. Protect from extreme heat and direct sunlight. Shelf life is one year when unopened and stored as directed.
3. Do not apply Senergy materials in ambient temperatures below 4 °C (40 °F). 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. Do not apply Senergy materials to frozen surfaces.

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 senergy.master-builders-solutions.com/en, 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.

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 mbsbcsst@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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