

Alpha Base Coat

100% acrylic adhesive and base coat

PACKAGING

27.2 kg per 19-liter pail
(60 lbs per 5-gallon pail)

COVERAGE

Approximate coverage rates are as follows:

1. Adhere EPS insulation board to substrate: 14.8 m² (160 ft²) per pail via notched trowel method, 16.7 m² (180 ft²) per pail via ribbon & dab method
2. Embed Flexguard 4: 26 m² (280 ft²) per pail, Embed INTERMEDIATE 12: 18.5 m² (200 ft²) per pail, Embed hi-impact 20 & Flexguard 4: 14.8 m² (160 ft²) per pail
3. Adhere EPS insulation board to substrate and embed Flexguard 4: 11.1 m² (120 ft²) per pail

DESCRIPTION

100% acrylic adhesive and base coat that is field-mixed with Type I or Type II Portland cement. Very creamy texture that spreads easily.

USES

1. For use with the Senerflex Wall System to adhere expanded polystyrene insulation board to the following acceptable substrates: Senershield, Senershield-R, Senershield-VB, PermaBase[®] Cement Board and other cement boards conforming with ASTM C1325 (Type A - exterior); poured concrete/unit masonry; ASTM C1177 type sheathings, including Weather Defense[™] Platinum sheathing, GreenGlass[®] sheathing, eXPTM sheathing, GlasRoc[®] sheathing, Securock[™] glass-mat sheathing, and DensGlass[®] exterior sheathing; gypsum sheathing (ASTM C79/C1396); Exposure I or exterior plywood (Grade C/D or better); or Exposure I OSB.

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 in a 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. Mix the contents of the Alpha Base Coat pail with a low speed drill and paddle mixer until thoroughly blended. Mix one part (by weight) Portland cement with one part Alpha Base Coat. Add Portland cement in small increments, thoroughly mixing to a homogeneous consistency after each additional increment.
3. Clean, potable water may be added to adjust workability.
4. Let stand for 5 to 10 minutes, then remix and retemper before use.
5. Additives are not permitted.
6. Close container when not in use.
7. Clean tools with soap and water immediately after use.

FEATURES

Smooth, creamy consistency

Familiar 1:1 mixing ratio

100% Acrylic

Water based

BENEFITS

Trowels on easily, speeds mesh embedment, reduces applicator arm fatigue, increases job-site productivity

Easy to mix—less chance of error

Provides long-term durability

Safe, non-toxic, clean up easily with soap & water

APPLICATION

TO ADHERE EPS TO ACCEPTABLE SUBSTRATES OR TO OTHER EPS:

Notched trowel method—Apply mixed Alpha 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 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 DensGlass Gold®. Allow application of insulation board to dry (normally 8 to 10 hours) prior to application of Alpha Base Coat/Reinforcing Mesh.

TO ADHERE EPS TO APPROVED 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 Base Coat/Reinforcing Mesh.

AS A BASE COAT FOR EMBEDDING REINFORCING MESH:

Alpha 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 Base Coat with embedded Reinforcing Mesh to dry hard (normally 8 to 10 hours) prior to application of Senergy Primer or Finish.

LIMITATIONS

1. Requires job-site mixing. Must be used after mixing.
2. Protect Senergy materials during transportation and storage to avoid physical damage.
3. Store Senergy materials in a cool, dry place protected from freezing. Store at no less than 4 °C (40 °F). Protect from extreme heat and direct sunlight. Shelf life is two years when unopened and stored as directed.
4. Do not apply Senergy materials in ambient temperatures below 4 °C (40 °F). Provide supplemental heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 4 °C (40 °F) prevail.
5. Do not apply Senergy materials to frozen surfaces.

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

VOC CONTENT

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

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.

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