

Alpha Base Coat

100% acrylic adhesive and base coat

Product Bulletin

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.

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

TECHNICAL INFORMATION

Consult our Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.basf.com, for additional information about products and systems and for updated literature.

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, eXP[™] 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	Benefits
Smooth, creamy consistency	Trowels on easily, speeds mesh embedment, reduces applicator arm fatigue, increases job-site productivity
Familiar 1:1 mixing ratio	Easy to mix—less chance of error
100% Acrylic	Provides long-term durability
Water based	Safe, non-toxic, clean up easily with soap & water

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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 13mm x 13mm (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 www.senergy.basf.com. Use only as directed.

VOC Content

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

For medical emergencies only call chemtrec at (800) 424-9300.

WARRANTY

BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current Product Bulletin, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. BASF 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 BASF. In the absence of an extended warranty issued by BASF, 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. BASF WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

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