

Standard Base Coat

PRODUCT BULLETIN
1017617

Uses

1. For use with the Senerflex[®] Wall System to adhere expanded polystyrene insulation board to the following approved substrates: unpainted and unglazed concrete or unit masonry; Dens-Glass Gold; Aqua-Tough underlayment; water-resistant core gypsum sheathing; new and untreated exposure 1 or exterior grade plywood and OSB; PermaBase cement-board; Wonder Board cement-board; Durock cement-board; Plycem cement-board; Harditex cement-board; and Eterspan cement-board.

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[®] and Senturion[®] I, II, and III to embed CORNER GRID and FLEXGUARD Reinforcing Mesh.

Technical Support

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

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 Senergy STANDARD Base Coat to a homogeneous consistency, before adding Portland cement.
3. Mix one part (by weight) Portland cement with one part STANDARD Base Coat. Add Portland cement in small increments, thoroughly mixing to a homogeneous consistency after each additional increment.
4. Clean, potable water may be added to adjust workability.
5. Let stand for 5 to 10 minutes.
6. Remix and retemper before use.
7. Additives are not permitted.
8. Close container when not in use.
9. Clean tools with soap and water immediately after use.

Application

To Adhere EPS to Approved Substrates or to Other EPS:

Notched trowel method:

Apply mixed STANDARD 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 STANDARD 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.

Description

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

Package

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 FLEXGUARD 12: 18.5 m² (200 ft²) per pail; Embed FLEXGUARD 20 & 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.

Features

1 Good build.

2 Standard for over twenty years.

3 Familiar 1:1 mixing ratio.

4 Water-based.

Benefits

1 Covers mesh easily.

2 Provides long-term, proven reliability.

3 Easy to mix.

4 Safe; non-toxic; clean up easily with soap and water.

Standard Base Coat

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 mm (2") apart, with the notches installed vertically [parallel to the 50 mm (2") dimension]. Allow application of insulation board to dry (normally 8 to 10 hours) prior to application of STANDARD Base Coat/FLEXGUARD Reinforcing Mesh.

As a Base Coat for Embedding Reinforcing Mesh:

Apply STANDARD Base Coat so as to achieve Reinforcing Mesh embedment with no Reinforcing Mesh color visible. Ensure Reinforcing Mesh is free of wrinkles. Allow STANDARD Base Coat with embedded Reinforcing Mesh to dry hard (normally 8 to 10 hours).

Limitations

1. Requires job-site mixing. Must be used once mixed.
2. Protect Senergy materials during transportation and installation 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 temperature 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.
5. Do not apply Senergy materials to frozen surfaces.

Health and Safety

Caution

May be harmful if vapors or mist are inhaled, if absorbed through skin, or if swallowed. May cause eye, skin and respiratory tract irritation. Swallowing this product can cause kidney damage.

Precautions

Avoid getting in eyes, on skin, or on clothing. Avoid breathing vapors or mist. Wear safety glasses or goggles, impervious gloves, and clothing with long sleeves and pants. If TLV or PEL can be exceeded, wear respirator selected by a technically qualified person. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Spills

Wipe up small spills with rags. Absorb larger spills with sand, vermiculite, or kitty litter; sweep up and place in a suitable container for disposal.

First Aid

Eyes

For eye contact, rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops and persists.

Skin

For skin contact, wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops and persists.

Internal

If inhaled, remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

If swallowed, give 3-4 glasses of water, but do not induce vomiting unless directed to do so by a physician. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention.

Read Material Safety Data Sheet before using this product.

Residential Policy

On one and two-family residential framed construction, Degussa Wall Systems, Inc. requires that the wall system selected be one that includes provisions for moisture drainage. The choices include Senturion® line of water managed EIFS, commercial Senerflex® Wall Systems integrating moisture management features, Senergy Stucco Wall System, and Senergy Cement-Board Stucco™ Systems. Senergy Exterior Surfacing Systems for insulating concrete forms are also acceptable. There are no exceptions to this policy. Under no circumstances will Degussa Wall Systems, Inc. warrant the use of any other system on this type of construction without expressed written authorization from Degussa Wall Systems, Inc. [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water management provisions described above.]

See the Senergy *Residential Policy Bulletin* for a more detailed discussion of this topic. Consult Degussa Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy web-site, www.senergy.cc for additional information about products and systems and for updated literature.

Limited Warranty

Every reasonable effort is made to apply Degussa Wall Systems, Inc. exacting standards both in the manufacture of our products and in the information, which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products but also upon many factors beyond our control. Therefore, except for such replacement or refund DEGUSSA WALL SYSTEMS, INC. MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and Degussa Wall Systems, Inc. shall have no other liability with respect thereto, including any liability for incidental or consequential damages. Any claim regarding product defect must be received in writing within thirty days (30) of the date of discovery or one (1) year from the date of shipment which ever is less. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in printed recommendations concerning the use of our products must bear the signature of the Degussa Wall Systems Technical Service Director. Other warranties may be available from Degussa Wall Systems, Inc.; however, this warranty shall apply in the absence of any other written warranty signed by an authorized representative of Degussa Wall Systems, Inc.

Degussa Wall Systems, Inc.

3550 St. Johns Bluff Road South
Jacksonville, FL 32224-2614
Phone 800 • 221 • 9255
Fax 904 • 996 • 6300
www.senergy.cc