

## PRODUCT DATA SHEET

# Cold Weather Alpha Dry Base Coat

*Cold weather (35–50°F) dry-mix polymer adhesive and base coat*

### COLOR

Grey

### PACKAGING

50 lbs (22.6 kg) per bag

### COVERAGE\*

#### Adhesive

Notch Trowel: 70 ft<sup>2</sup> (6.5 m<sup>2</sup>)

#### Mesh Embedment

Senergy Flexguard 4: 120 ft<sup>2</sup> (11 m<sup>2</sup>)

SikaWall-9000 Intermediate 12:

85 ft<sup>2</sup> (7.8 m<sup>2</sup>)

SikaWall-9015 Ultra HI 20 and

Senergy Flexguard 4

70 ft<sup>2</sup> (6.5 m<sup>2</sup>)

#### Adhesive & Flexguard 4

#### Embedment:

50 ft<sup>2</sup> (4.6 m<sup>2</sup>)

\*Coverage rates vary depending on porosity of substrates and application techniques.

### VOC

0 lbs/gal (0.0 g/l) less water and exempt solvents

### SHELF LIFE

One (1) year, properly stored in original packaging.

### DESCRIPTION

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

### USES

1. To adhere expanded polystyrene insulation board in cold weather (35-50 °F) 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 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 SikaWall®-15 Tinted Primer.**

2. To adhere expanded polystyrene insulation board to expanded polystyrene insulation board.
3. For use with Senergy wall systems to embed SikaWall-90 Corner Mesh and SikaWall or Senergy Reinforcing Mesh.

### ADVANTAGES

Use in colder temperatures when between 35–50°F.

Fast Set adhesive and base coat allowing EPS and base coat same day application.

Dry, bagged product that does not require heated shipping or storage.

Easy mixing, just add water.

Mix only what you need, making it useful for small repair, and reducing dumpster or landfill costs.

Lower cement-to-polymer ratio reducing the chance for efflorescence.

Smooth, creamy consistency which trowels easily, speeds mesh embedment, reduces applicator arm fatigue, and increases job-site productivity.

Water based, making it safer, non-toxic, and cleans up easily with soap and water.

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#### MIXING

1. Prepare each bag in a 5-gallon (19-liter) 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 1.2 gallons (4.6 liters) of clean, potable water.
3. Mix Cold Weather Alpha Dry Base Coat in small increments, mixing after each addition.
4. Mix the contents of the Cold Weather Alpha Dry Base Coat pail with a low speed drill and paddle mixer until thoroughly blended.
5. Additional Cold Weather 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.

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#### APPLICATION

##### **ADHESIVE FOR NON-DRAINAGE EIFS**

Notched trowel method: Apply base coat to entire surface of insulation board using a stainless steel trowel with 1/2" x 1/2" notches spaced 1/2" apart (13 mm x 13 mm x 13 mm) or 3/8" x 3/8" notches spaced 3/8" apart (10 mm x 10 mm x 10 mm).

##### **ADHESIVE FOR ADHERED SENERGY DRAINAGE EIFS**

Apply base coat to entire surface of insulation board using a stainless-steel trowel with 1/2" x 1/2" notches spaced 2" apart (13 mm x 13 mm x 50 mm). Ribbons of adhesive must be applied parallel to the 2' dimension of the EPS insulation board to ensure they are

vertical when the EPS insulation board is applied to the substrate. Immediately set board into place and apply pressure over entire surface of board to ensure positive uniform contact and high initial grab. Do not slide board into place. Do not allow base coat to dry prior to installing. Allow application of EPS insulation board to dry (normally 8 to 10 hours) prior to application of Base Coat/SikaWall or SENERGY Reinforcing Mesh.

##### **BASE COAT FOR REINFORCING MESH EMBEDMENT**

Trowel apply base coat to the surface of the insulation board or approved substrate. Fully embed SikaWall or SENERGY Reinforcing Mesh in to wet base coat, ensure no mesh color is visible. Lap reinforcing mesh a minimum 2 1/2" (64 mm) at edges and 8" (203 mm) around corners. Ensure reinforcing mesh is free of wrinkles. Allow reinforced base coat to dry hard (normally 8 to 10 hours) prior to application of SENERGY Finish or SikaWall Tinted Primer.

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#### DRY TIME

Typically, 8 to 10 hours. Protect from rain and from temperatures less than 35°F (2°C) for 24 hours after installation and until dry.

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#### LIMITATIONS

1. Protect bagged materials from moisture during transportation and storage.
2. Store materials in a cool, dry place at 35 °F and rising. Protect from extreme heat and direct sunlight.
3. Do not apply materials in ambient temperatures below 35°F (2°C) or above 50°F (10°C). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 35°F (2°C) prevail.
4. Do not apply materials to frozen surfaces.

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#### TECHNICAL INFORMATION

Consult Sika Facades Technical Services Department at +1 (800) 589-1336 for specific recommendations concerning all other applications. Consult the Sika Facades website at [usa.sika.com/senergy](http://usa.sika.com/senergy), for additional information about products and systems and for updated literature.

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#### 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 [usa.sika.com/senergy](http://usa.sika.com/senergy), e-mailing your request to [mbsbscst@mbcc-group.com](mailto: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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#### LIMITED WARRANTY NOTICE

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