

Acrodry™ S Base Coat

DESCRIPTION

ACRODRY S dry-mix polymer adhesive and base coat containing Portland cement, and requiring only water for mixing. ACRODRY S BASE COAT is ideally suited for spray applications. ACRODRY S BASE COAT may also be used for non-spray applications.

USES

1. For use with the Acrocrete[®] Acrowall™ systems to adhere expanded polystyrene insulation board to the following approved substrates: ASTM C1177 type sheathings, including DensGlass™ exterior sheathing, e2XP™ 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.
2. To adhere expanded polystyrene insulation board to expanded polystyrene insulation board.
3. For use on Acrocrete wall systems to embed Acrocrete REINFORCING MESH to the specified substrate.
4. ACRODRY S can also be used as a skim coat to produce a smooth and level surface on masonry, concrete or stucco.

FEATURES

- Excellent adhesion & flexibility
- Dry blend—less waste
- 1 component—just add water
- Low cement content
- Vapor permeable
- Easy application
- Water clean up

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 ACROMESH 4: 11.1 m² (120 ft²) per bag
Embed INTERMEDIATE 12: 7.8 m² (85 ft²) per bag
Embed HI-IMPACT 20 & ACROMESH 4: 6.5 m² (70 ft²) per bag
3. Adhere EPS insulation board to substrate and embed ACROMESH 4: 4.6 m² (50 ft²) per bag

TECHNICAL SUPPORT

Consult BASF Wall Systems' Technical Services Department for specific recommendations concerning all other applications. Consult the Acrocrete[®] website, www.acrocrete.basf.com, for additional information about products and systems and for updated literature.

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 ACRODRY S BASE COAT in small increments, mixing after each addition.
4. Mix the contents of the ACRODRY S BASE COAT pail with a low speed drill and paddle mixer until thoroughly blended.
5. Additional ACRODRY S 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 with soap and water immediately after use.

APPLICATION

To adhere EPS to acceptable substrates or to other EPS:

NOTCHED TROWEL METHOD—Apply mixed ACRODRY S 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 ACRODRY S 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 Gold. Allow application of insulation board to dry (normally 8 to 10 hours) prior to application of ACRODRY S BASE COAT/reinforcing mesh.

To adhere EPS to acceptable substrates on Acrowall-ES Plus 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 ACRODRY S BASE COAT/ACROCRETE[®] REINFORCING MESH.

As a base coat for embedding reinforcing mesh:

ACRODRY S 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 ACRODRY S BASE COAT with embedded reinforcing mesh to dry hard (normally 8 to 10 hours) prior to application of Acrocrete primer or finish.

LIMITATIONS

1. Requires job-site mixing. Must be used after mixing.
2. Protect Acrocrete[®] materials during transportation and installation to avoid physical damage.
3. Store Acrocrete 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 one year when unopened and stored as directed.

4. Do not apply Acrocrete 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.
5. Do not apply Acrocrete materials to frozen surfaces.

HEALTH AND SAFETY

Caution

Contains crystalline silica, Portland cement, calcium carbonate, fly ash, proprietary polymer.

Risk

Product is alkaline on contact with water and may cause injury to skin or eyes. Ingestion or inhalation of dust may cause irritation. Contains crystalline silica. NTP and IARC recognize respirable crystalline silica as a human carcinogen. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.

Precautions

Avoid contact with skin, eyes and clothing. Prevent inhalation of dust. Wash thoroughly after handling. Keep container closed. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

First Aid

1. For eye contact, flush thoroughly with water for at least 15 minutes.
2. For skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing.
3. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Read Material Safety Data Sheet before using this product.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

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

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

NOTE

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