Acrobase® HB
Product Bulletin

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

USES
1. For use with the Acrocrete® AcrowallTM systems to adhere expanded polystyrene insulation board to the following approved 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 by National Gypsum and other cement-boards (ASTM C1325 Type A Exterior), gypsum sheathing (ASTM C79/ASTM C1396), poured concrete/unit masonry.
2. To adhere expanded polystyrene insulation board to expanded polystyrene insulation board.
3. To embed ACROMESH, ACROBASE HB can also be used for leveling masonry, stucco and other cementitious substrates. ACROBASE HB can be applied at a maximum thickness of 6 mm (1/4").

FEATURES
• Vapor permeable
• Easy application
• Water clean up
• VOC compliant
• Fiber reinforced
• Excellent weather resistance
• High build to 1/4 inch thickness

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 ACROMESH 4: 29.7 m² (320 ft²) per pail
   Embed INTERMEDIATE 12: 21.3 m² (230 ft²) per pail
   Embed HI-IMPACT 20 & ACROMESH 4: 16.7 m² (180 ft²) per pail
3. Adhere EPS insulation board to substrate and embed ACROMESH 4:
   11.1 m² (120 ft²) per pail
4. As a SKIM COAT for stucco and masonry surfaces:
   coverage will vary depending on the irregularity of the surface.

APPLICATION
To adhere EPS to acceptable substrates or to other EPS:
NOTCHED TROWEL METHOD—Apply mixed ACROBASE HB 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 ACROBASE HB 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 sheathing substrates. Allow application of insulation board to dry (normally 8 to 10 hours) prior to application of ACROBASE HB/reinforcing mesh.

As a base coat for embedding reinforcing mesh:
ACROBASE HB shall be applied so as to achieve reinforcing mesh embedment with no reinforcing mesh color visible. Ensure reinforcing mesh is free of wrinkles. Allow ACROBASE HB with embedded reinforcing mesh to dry hard (normally 8 to 10 hours) prior to application of Acrocrete primer or finish.

As a leveler:
1. Use a straight edge to determine low points.
2. Pre-fill low points of substrate and allow to cure.
3. Use a trowel with a good set, trowel to a level plane with a light touch.
4. Ensure a maximum lift of 3.2 mm (1/8").
5. Repeat, if necessary to a maximum total lift of 6.4 mm (1/4").
NOTE: On CMU or brick, skim entire wall; allow to cure; skim entire wall with second coat.

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 ACROBASE HB pail with a low speed drill and paddle mixer until thoroughly blended.
3. Mix 13.6 kg (30 lbs) (one half pail) of ACROBASE HB and 0.9 liter (32 oz.) of water. While mixing, add 13.6 kg (30 lbs) of Portland cement in small increments; thoroughly mix to a homogeneous consistency after each additional increment.
4. Additional clean, potable water may be added (not to exceed 0.45 liter/16 oz.) to adjust workability.
5. Let stand for 5 to 10 minutes, then remix and retemper before use.
6. Additives are not permitted.
7. Close container when not in use.
8. Clean tools with soap and water immediately after use.

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.
LIMITATIONS
1. Protect Acrocrete® materials during transportation and installation to avoid physical damage.
2. 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 two years when unopened and stored as directed.
3. 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.
4. Do not apply Acrocrete materials to frozen surfaces.
5. Requires job-site mixing. Must be used after mixing.

HEALTH AND SAFETY
Caution
Contains silica, crystalline quartz.

Risk
Ingestion or inhalation of dust may cause irritation. Contains crystalline silica. NTP and IAR 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
4 g/l, or 0.03 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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