DESCRIPTION
ACROBASE 90 is a 100% acrylic based product that is field mixed with Type I or Type II Portland cement that can be used as an adhesive and base coat.

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, eXPre® sheathing, GlasRoc® glass-mat sheathing, Weather Defense™ Platinum sheathing, GreenGlass® sheathing; PermaBase® cement-board by National Gypsum and other cement-boards (ASTM C1325 Type A Exterior); and 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. ACROBASE 90 can also be used as a skim coat to produce a smooth and level surface on masonry or concrete.

FEATURES
- Vapor permeable
- Easy application
- Water clean up
- VOC compliant
- Excellent weather resistance

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: 26 m² (280 ft²) per pail
   Embed INTERMEDIATE 12: 18.5 m² (200 ft²) per pail
   Embed HI-IMPACT 20 & ACROMESH 4: 14.8 m² (160 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 90 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 (Concrete & Masonry Only)—Apply a ribbon of mixed ACROBASE 90 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.

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 two years 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 silica, crystalline quartz.

Risk
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
7 g/l, or 0.06 lbs/gal less water and exempt solvents.
For medical emergencies only call chemtrec at (800) 424-9300.

NOTE
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