FINESTONE ADHESIVE/BASE COAT (A/BC) is a 100% acrylic polymer that is field mixed with Type I or I-II Portland cement to produce a flexible, cementitious adhesive and base coat for Finestone Class PB EIFS and Finescree Cement Board Stucco (CBS) and Finestone Surfacing Systems. Used to adhere EPS insulation board and embed reinforcing mesh, A/BC’s creamy consistency facilitates smooth, efficient troweling.
**FINESTONE ADHESIVE / BASE COAT (A/BC)**

### FEATURES

<table>
<thead>
<tr>
<th>Features</th>
<th>Advantages</th>
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<tbody>
<tr>
<td>Smooth, creamy consistency</td>
<td>Easy to trowel on to achieve quality mesh embedment; less drag reduces applicator fatigue</td>
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<tr>
<td>Familiar 1 to 1 mix ratio</td>
<td>Easy to mix quickly and accurately on job-site</td>
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<td>100% acrylic polymer formula</td>
<td>Excellent adhesion, durability, flexibility and weather resistance</td>
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<tr>
<td>Versatile application</td>
<td>Application of up to 3.2 mm (1/8&quot;) inch thick in one coat, to accommodate varying weights of reinforcement mesh</td>
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<tr>
<td>Water-based</td>
<td>Safe for workers and environment; easy clean up</td>
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### RECOMMENDED USES

As an adhesive in Finestone EIFS
To adhere Finestone EPS Insulation Board to the following exterior wall surfaces
- Gypsum sheathing – ASTM C79
- DensGlass Gold® sheathing - ASTM C1177
- Cement Board – ASTM C1325
- Unpainted brick, concrete, masonry or stucco surfaces
- Diamond mesh metal lath:
  - 3.4 galv. lath over stud and sheathing construction
  - 2.5 galv. lath over concrete and masonry substrates

To laminate EPS to EPS to create projected architectural details.

As a base coat in Finestone EIFS and Finescree Cement Board Stucco Systems, to embed reinforcing mesh and create the base coat system

To smooth surfaces of concrete or masonry substrates in preparation for installation of Pebbletex EIFS or Pebbletex Finish.

Note: See “Finestone Approved Substrate Selector” for comprehensive recommendations of appropriate substrates.

### MIXING

At the time of use, mix Adhesive/Base Coat in a 1 to 1 ratio by weight with Type I or Type I-II Portland cement (ASTM C-150). The Portland cement must be fresh and free of lumps.

For best results, mix at 400-500 rpm, using a heavy duty 13 mm (1/2") drill with a jiffler-type paddle (Goldblatt Jiffler Mixer No. 15311 H7 or similar).

Open the pail of A/BC and stir the material until thoroughly blended. Mix 1 part A/BC with 1 part Portland cement in clean, 5 gallon plastic pail. Add Portland cement to A/BC in small increments until thoroughly blended. Let the mixture sit for 5 minutes then stir to a creamy consistency. Small amounts of clean, potable water, up to 0.9 L (30 oz.) per half pail, may be added to achieve the desired workability.

Do not overmix. Excessive stirring will cause faster setting of the Portland cement and significantly reduce working time.

Do not exceed a 1 to 1 ratio of A/BC to Portland cement. Excessive amounts of cement in the mixture will reduce the strength of the product and cause cracking and efflorescence.

Do not add accelerators, retarders or other admixtures to the A/BC mixture.

### LIMITATIONS

Do not use on wood or metal surfaces

Before using on painted surfaces, paint must be removed or metal lath installed. Alternatively, approved mechanical fasteners can be used in place of Adhesive/Base Coat.

Install only when temperatures will be at least 4°C (40°F) and higher for at least 24 hours.

Protect from rain for at least 24 hours.
**APPLICATION / AS AN ADHESIVE**

**Surface Preparation**
Substrates must be sound and free of paint, dirt, grease, oil, efflorescence, form release agents and curing compound.
Substrates must be flat within 6.4 mm in 3 m (1/4” in 10 ’).
Attach Finestone Detail Mesh at all termination points of the Finestone EIFS to allow for backwrapping (See Finestone Pebbletex EIFS Guide Specifications for instructions.)

**Equipment**
Use a 10 mm (3/8”) x 10 mm (3/8”) notched trowel where the notches do not exceed 10 mm (3/8”) apart or other specified trowel.

**Application Procedures**
Apply the A/BC mixture directly to the back of the insulation board using the recommended notched trowel. Cover the entire back of the board with full beads of adhesive formed by the notched trowel.

**Alternative Method for Brick and Masonry:** Apply the mixture directly to the back of the insulation board using the “Ribbon and Dab” method—Apply a 50 mm (2”) wide by 10 mm (3/8”) high ribbon of A/BC around the perimeter of the insulation board. Then apply 8 dabs of A/BC approximately 102 mm (4”) in diameter, 10 mm (3/8”) high and 204 mm (8”) apart on center within the perimeter ribbon.

Immediately install the prepared insulation board to the wall before the A/BC begins to form a film on its surface. Make sure that the entire surface of the insulation board adheres to the substrate. Abut all edges of the insulation boards tightly together with no adhesive or gaps remaining between them. Small gaps will need to be filled with slivers of insulation board before next step.

**Caution:** Never apply A/BC directly to the substrate.

Important: Allow adhesive of newly installed insulation board to cure for a minimum of 24 hours before doing any work over the boards.

**APPLICATION / AS A BASE COAT**

**Surface Preparation**
The Finestone Insulation Board must be well adhered to the wall. All gaps between the insulation board must be filled with slivers of insulation. Rasp the wall to a flat surface. Install all aesthetic joints and EPS details to the wall.

**Equipment**
For base coat application, use a stainless steel plastering trowel.

**Application Procedures**
Apply Adhesive/Base Coat over the face of the insulation board in a thickness adequate to properly embed the Reinforcing Mesh, approximately 1.6 mm (1/16”) for Standard Mesh and 3.2 mm (1/8”) for Hi-Impact Mesh. Immediately lay the Reinforcing Mesh into the wet A/BC and smooth the surface until the Reinforcing Mesh is totally embedded. The color of the Mesh must not be visible. (See the Guide Specifications for Finestone Pebbletex EIFS for complete details.)

Allow to cure for at least 24 hours before applying finish. Protect from rain and from temperatures less than 4° C (40° F) for 24 hours.

**CLEAN UP**
Remove wet material from tools or other surfaces with soap and water. Dry material must be mechanically removed.

**Technical Support**
For further details, specifications, questions, specific recommendations, or the most recent product information, please consult BASF Wall Systems Technical Services: Toll-free 800-221-9255 or our website, www.finestone.basf.com
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. Wash thoroughly after handling. Keep container closed when not in use. 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, 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.
2. 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.
3. If inhaled, remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
4. 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. Seek 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
BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as “BASF Wall Systems”)

Residential Policy
On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage. The choices include Pebbleteck O line of drainage EIFS, FINESTONE Stucco Systems and Finescreen Cement Board Stucco Systems. There are no exceptions to this policy. Under no circumstances will BASF Wall Systems warrant the use of any other system on this type of construction without expressed written authorization from BASF Wall Systems [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water management provisions described above.] See the FINESTONE Residential Policy Bulletin for a more detailed discussion of this topic. Consult BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the FINESTONE website, www.finestone.basf.com for additional information about products and systems and for updated literature.

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