A/BC
Adhesive/Base Coat
Product Bulletin
**DESCRIPTION**

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 FINESCREEN CEMENT BOARD STUCCO (CBS) and FINESTONE SURFACING SYSTEMS. Use to adhere EPS insulation board and embed reinforcing mesh; A/BC’s creamy consistency facilitates smooth, efficient troweling.

**USES**

**As an adhesive in Finestone EIFS**

To adhere Finestone EPS Insulation Board to the following substrates: FINESTOP, FINESTOP RA, FINESTOP VB, PermaBase® Cement Board and other cement boards conforming with ASTM C1325 (Type A - exterior); poured concrete/unit masonry; ASTM C1177 type sheathings, including Weather Defense™ Platinum sheathing, GreenGlass® sheathing, eXPTM sheathing, GlasRoc® sheathing, Securock™ glass-mat sheathing, and DensGlass® exterior sheathing; gypsum sheathing (ASTM C79/C1396)

PERMALATH 1000 and DIAMONDMESH metal lath 2.5 or 3.4

To create architectural details by laminating EPS to EPS.

**As a base coat** in FINESTONE EIFS and FINESCREEN 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.

**PACKAGING**

19L (5 gal) pail

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**APPROXIMATE COVERAGE RATES**

<table>
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<tr>
<th>Uses</th>
<th>Coverage Rates</th>
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<tr>
<td>As an adhesive only</td>
<td>15 m² (160 ft²) per pail using a notched trowel</td>
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<tr>
<td>As a base coat only</td>
<td>26 m² (280 ft²) per pail with STANDARD MESH</td>
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<tr>
<td>As adhesive &amp; base coat</td>
<td>11 m² (120 ft²) per pail</td>
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**WORKING TIME**

Approximately 1 hour after mixing, depending on ambient temperature and humidity.

**CURING TIME**

As an adhesive: Cure for a minimum of 24 hours after using to adhere insulation board before applying base coat or performing further work over the newly installed insulation board.

As a base coat: Protect from rain and temperatures of less than 4° C (40° F) for a minimum of 24 hours. Higher humidity and/or cooler temperatures may require longer protection. Allow to cure 24 hours prior to finish application.

**STORAGE**

Store in original containers at temperatures not less than 4° C (40° F) or greater than 43° C (110° F). Store out of direct sunlight and protect from weather. Do not stack pallets.

**SHELF LIFE**

2 years, properly stored in original containers.

**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 A/BC.

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.

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<table>
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<tr>
<th>FEATURES</th>
<th>BENEFITS</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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<tr>
<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 3.2mm (1/8”) 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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MIXING

At the time of use, mix A/BC in a 1 to 1 ratio by weight with Type I or Type I-ll 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 jiffle-type paddle (Goldblatt Jiffle Mixer No. 15311 H7 or similar).

Open the pail of A/BC and stir the material until thoroughly blended. Mix 1 part (by weight) 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.

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').

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, based on Finestone system being installed.

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 A/BC 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 PEBBLETAX 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 800-589-1336 or our website, www.finestone.basf.com
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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
Follow good safety and industrial hygiene practices during handling and installing products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.

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