

Alpha Genie

100% acrylic polymer

PACKAGING

19 L (5 gal.) pail

APPROXIMATE COVERAGE RATE

As a base coat only: 26 m² (280 ft²) per pail with standard mesh

As leveling agent: 10 m² (110 ft²) per pail at 3.2 mm (1/8") thick; 5 m² (55 ft²) per pail at 6.4 mm (1/4") thick

WORKING TIME

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

CURING TIME

Protect from rain and temperatures of less than 4 °C (40°) 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. Alpha Genie achieves full strength in approximately 28 days.

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

Approximately 2 years, properly stored in original containers.



FEATURES	BENEFITS
Smooth, creamy consistency	Easy to trowel on to achieve quality mesh embedment; less drag reduces applicator fatigue
Familiar 1 to 1 mix ratio	Easy to mix quickly and accurately on job-site
100% acrylic polymer formula	Excellent adhesion, durability, flexibility and weather resistance
High build	Levels polyiso insulation, concrete or masonry substrates quickly; saves time
Water-based	Safe for workers and environment; easy clean up

Alpha Genie is a 100% acrylic polymer that is field mixed with Type I or I-II Portland cement to produce a cementitious leveling base coat for Senergy Senerflex or Quik Clad Class PB EIFS or a leveling agent for masonry and concrete substrates. Its high-build formula allows application up to 1/4" in one coat. After mixing with cement, Alpha Genie's creamy consistency assures smooth, efficient troweling.

RECOMMENDED USES

ASA BASE COAT

To embed reinforcing mesh and create the base coat system in Senergy Senerflex Class PB EIFS over approved insulation board or in Finescreen Cement Board Stucco Systems over approved sheathing.

ASA LEVELER

To level surfaces of concrete or masonry substrates in preparation for installation of Senerflex EIFS or Senerflex Finish.

Note: See Senergy Approved Insulation Boards for comprehensive recommendations of appropriate products.

LIMITATIONS

1. Do not use on wood or metal surfaces.
2. Do not use on painted surfaces.
3. Not recommended for adhering MEPS insulation board to any substrate or for adhering MEPS details to MEPS insulation board.
4. Install only when temperatures will be at least 4 °C (40 °F) and higher for at least 24 hours.
5. Protect from rain for at least 24 hours.

MIXING

1. At the time of use, mix Alpha Genie in a 1 to 1 ratio by weight with Type I or Type I-II Portland cement (ASTM C150). The Portland cement must be fresh and free of lumps.
2. For best results, mix at 400-500 rpm, using a heavy duty 13 mm (1/2"-2") drill with a jiffle-type paddle (Goldblatt Jiffle Mixer No. 15311 H7 or similar).
3. Open the pail of Alpha Genie and stir the material until thoroughly blended. Mix 1 part Alpha Genie with 1 part Portland cement in clean, 19-L (5-gal.) plastic pail. Add Portland cement to Alpha Genie 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.

4. Do not overmix. Excessive stirring will cause faster setting of the Alpha Genie and significantly reduce working time.
5. Do not exceed a 1 to 1 ratio of Alpha Genie to Portland cement. Excessive amounts of cement in the mixture will reduce the strength of the product and cause cracking and efflorescence.
6. Do not add accelerators, retarders or other admixtures to the Alpha Genie.

APPLICATION / AS A BASE COAT

SURFACE PREPARATION

The Senergy 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

For the mechanically attached systems, first use the Alpha Genie to spot fasteners and level irregularities so that the insulation is flush. Then over the face of the sheathing or insulation board apply Alpha Genie 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 Alpha Genie and smooth the surface until the Reinforcing Mesh is totally embedded. The color of the mesh must not be visible. In some applications, a second coat of Alpha Genie may be needed to cover reinforcing mesh.

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.

APPLICATION / AS A LEVELER

SURFACE PREPARATION

Existing unit masonry and concrete substrates must be sound and free of paint, dirt, grease, oil, and efflorescence. New concrete must have cured for a minimum of 28 days and be free of form release agents and curing compound.

EQUIPMENT

Use a stainless steel plastering trowel.

APPLICATION PROCEDURES

To level unit masonry so that joints are not visible, apply Alpha Genie over the block face, filling joints up to 6.4 mm (1/4") deep and covering block surface with a smooth coating, an average 1.6 mm (1/16") thick. If necessary, repeat process over first application after it has dried.

To level concrete substrates, grind down irregularities higher than 6.4 mm (1/4"). Fill voids of up to 6.4 mm (1/4") with Alpha Genie. Then apply a leveling coat of Alpha Genie over the concrete substrate to a smooth 1.6 mm (1/16") thick coating.

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

Consult Master Builders Solutions Technical Services Department at +1 (800) 589-1336 for specific recommendations concerning all other applications. Consult the Wall Systems website at senergy.master-builders-solutions.com/en, for additional information about products and systems and for updated literature.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting senergy.master-builders-solutions.com/en, e-mailing your request to mbsbscst@mbcc-group.com or calling +1 (800) 433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

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