



WATER-RESISTANT

**BASECOAT
PACKAGING**

*Even if you leave it
out in the rain...
We've Got You Covered*



Dry Mix, Polymer-Modified, Cementitious Adhesive and Base Coat Product Data Sheet

Greenmaker Standard Base Coat is a dry mix, polymer-modified, cementitious adhesive, and base coat. It is supplied in 50 lb. (22.7 kg) bags and, when mixed with water produces a high performance, easily applied adhesive and base coat for use with EPS insulation.

FEATURES & BENEFITS

- Single component • Dry polymer modified • Smooth consistency • Vapor Permeable • Factory blended
- Ready to use, just add water • Excellent durability, adhesion • Trowels easily • 5 Year Product Warranty

PRODUCT PROPERTIES: After mixing, the working time of the Base Coat mixture is approximately 1-3 hours depending on ambient weather conditions. Drying time is dependent on the air temperature and relative humidity. Under average drying conditions [70 °F (21 °C), 55% R.H.], the base coat will dry in 24 hours. Protect work from rain for at least 24 hours. When used to bond expanded polystyrene insulation board a period of 24 hours must elapse to allow the base coat to form a positive bond. The adhered insulation board should not be disturbed until adequate bond has developed. Job Conditions: Air and surface temperatures for application of the mixed base coat must be 40 °F (4 °C) or higher and must remain so for a minimum of 24 hours. Temporary Protection: Shall be provided at all times until the adhesive, base coat, finish and installation of permanent flashings, sealants, etc. are completed to protect the wall from inclement weather and other sources of damage.

REPORT TEST METHOD TEST CRITERIA TEST RESULTS

Surface Burning	ASTM E-84 < 25 Flame Spread Pass < 450 Smoke Developed Pass
Adhesion (psi)	ASTM C-297 28 days
	> 20 Gypsum Sheathing
	> 15 EPS Board
	> 80 Concrete Block
	> 35 Dens-Glass® Gold

ACCEPTABLE SUBSTRATES: • Exterior grade gypsum sheathing meeting ASTM C 1396 (formerly C 79) requirements for water-resistant core or Type X core • Exterior sheathing having a water-resistant core with fiberglass mat facers meeting ASTM C 1177 • Exterior fiber reinforced cement or calcium silicate boards • Unglazed brick, cement plaster, concrete or masonry Galvanized expanded metal lath 2.5 or 3.4 lbs./yd² (1.4 or 1.8 kg/m²) installed over a solid substrate.

SURFACE PREPARATION: Surfaces must be above 40 °F (4 °C) and must be clean, dry, structurally sound, and free of efflorescence, grease, oil, form release agents and curing compounds. The substrate shall be flat within 1/4 in (6.4 mm) in a 4 ft (1.2 m) radius.

COVERAGE: Approximately 55 ft² (5.1 m²) of surface area per 50 lb. (22.7 kg) bag, depending on job conditions, application techniques, etc. This includes adhesive and base coat layers. For adhesive only 100 ft² (9.3 m²); for base coat only 120 ft² (11.1 m²). As a double layer base coat to embed standard and high impact mesh 35 - 55 ft² (3.3 – 5.1 m²).

STORAGE: The bags shall be stored off the ground in a cool, dry location out of direct sunlight. If the material is warm or hot, the pot life of the mixture will be greatly reduced. The shelf life is 1 year from date of manufacture when properly stored in unopened bags.

MIXING: One 50 lb. (22.7 kg) bag of material will produce approximately 5 gal (19 L) of mixed base coat. Use clean equipment for mixing and preparation. Add 5-6 quarts (4.7-5.7 L) of cool clean potable water to a 5-gal pail. Add half of the amount of dry basecoat and mix to a homogenous consistency using a heavy-duty 1/2 in. (13 mm) drill with a rust-free paddle at 400-500 rpm. Then add the remaining half and mix until consistent. Small amounts of cool clean potable water may be added to adjust workability. Let the mixture stand for five minutes after initial mixing to break the initial set, then mix again, adding small amounts of water as needed for workability once only. The mixed base coat should be used immediately after mixing. The pot life is 1 to 3 hours depending on the weather. Only Greenmaker approved additives can be added to this product.

APPLICATION: ADHESIVE: For application over sheathing substrates, use a stainless-steel notched trowel with notches measuring 3/8 in (9.5 mm) wide, 1/2 in (12.7 mm) deep spaced 1 -1/2 in (38 mm) apart. Apply the mixed base coat on the back side of the insulation board. The adhesive beads shall be applied so that they run vertically when the insulation board is placed on the wall. **CAUTION:** Do not install the base coat directly on the substrate. Immediately place the insulation board on the substrate, ensuring that no base coat gets into board joints. Do not allow the base coat to form a skin before positioning the insulation board on the substrate as it will affect the bond strength.

APPLICATION BASE COAT: For base coat application, all insulation board irregularities greater than 1/16 in (1.6 mm) must be sanded flush. Apply the base coat to the entire surface of the insulation board. Fully embed the reinforcing mesh in the wet base coat troweling from the center to the edge of the reinforcing mesh to avoid wrinkles. The reinforcing mesh shall be continuous at all corners and lapped or butted in accordance with manufacturers recommendations. The overall minimum base coat thickness shall be sufficient to fully embed the reinforcing mesh.

As a leveler or filler: Apply mixed base coat and trowel to a smooth, uniform surface. Maximum thickness in a single application should be no more than 1/4 in. (6mm).

LIMITATIONS: Ambient and surface temperature must be 40°F (4°C) or higher during application and curing time. Provide supplemental heat and protection from precipitation as needed. Use only on surfaces that are sound, clean, dry, unpainted (10% or less) and free from any residue which may affect the base coat to bond to the surface. Application in direct sunlight in hot weather will significantly reduce open time for embedding reinforcing mesh and smoothing the surface. Base coat shall not be used to adhere EPS directly to wood-based substrates. Wear protective eyewear and clothing since the product contains cement, which may cause irritation.

CLEAN UP: Clean tools with water while the material is still wet.

WARNING: *This product is intended for use by qualified professional contractors. Read complete warning information printed on product packaging prior to use. For more information on handling this product refer to its Safety Data Sheet (SDS). The most current SDS and Product Data Sheet (PDS) can be found on our website. This Product Data Sheet has been prepared in good faith based on information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the product under normal environmental and working conditions. GREENMAKER INDUSTRIES ASSUMES NO LIABILITY, EXPRESSED OR IMPLIED, AS TO THE WORKMANSHIP, ENGINEERING OR ARCHITECTURE OF ANY PROJECT. For more information regarding this product or additional information on Greenmaker Industry products, please contact us at (860) 761-2831 or visit our website: www.greenmakerindustries.com.*



697 Oakwood Ave
West Hartford, CT 06110
Customer Service: 860.761.2831

5841 Jacaranda Drive SE
Mableton, GA 30126
Customer Service: 860.761.2831