

Product Information

Decolastic Ground Coat Base Coat & Adhesive



DESCRIPTION:

Decolastic Ground Coat is an acrylic-based, fiber-reinforced, flexible base coat and adhesive that functions as a highly water-resistant barrier. When mixed 1:1 with Type I or Type II Portland Cement, it forms a robust air, moisture, and weather-resistant barrier. This versatile product is suitable for various Decoplast exterior wall systems, including direct applications. Additionally, it can be applied over prepared concrete and masonry (CMU) and beneath approved ASTM C926 stucco brown coats, providing excellent air and water protection. Recommended waterproof slopes parapets and windowsills.

FEATURES:

Fiber Reinforced; Polymer Modified Technology	Flexible, resists cracking. Highly water resistant.
Smooth Consistency	Trowels on easily for increased production
Versatile	Can be used as an adhesive, base coat and foundation waterproofer
Vapor Permeable	Vapor permeable materials help control moisture levels within walls.
Environmentally Friendly	Water based, Non-Toxic, Complies with VOC requirements

TECHNICAL DATA:

Report	Test Method	Test Criteria	Test Results
Surface Burning	ASTM E84	< 25 Flame Spread < 450 Smoke Development	Pass
Pull Off Adhesion (psi)	ASTM D7234 / C297	Report Value	Decoplast AWB >160 Gypsum Sheathing >30 Concrete > 255 EPS Board >15
Water Resistance	ASTM E2568	No deleterious effects	Pass
Freeze-Thaw Resistance	ASTME2568 / E2485	No delamination, cracking, or crazing	Pass
Surface Burning Characteristics	ASTM E84	Report Value	Flame Spread <25 Smoke Developed <450

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

SURFACE PREPARATION

Glass Mat Gypsum Sheathing in Compliance with ASTM C 1177: Ensure that the surface is clean, dry, and free of any contamination. The sheathing must be installed and protected according to both the manufacturer's guidelines and building code requirements. Any weather-damaged sheathing should be removed and replaced. Avoid applying over surfaces that are irregular or not in plane. Install Decoplast Ci insulation board with adhesive within 30 days following the installation of the sheathing.

Concrete or Masonry: Surfaces should be clean, dry, and free of frost, damage, and any bond-inhibiting materials such as dirt, efflorescence, laitance, form oil, and other foreign matter. Any loose or damaged material needs to be removed by water blasting, sandblasting, or mechanical wire brushing and repaired. Application over irregular surfaces should be avoided. Resurface, patch, or level surfaces to the required tolerance and smoothness using appropriate Sto leveling materials. For complete details on preparing cementitious substrates for coatings, refer to ASTM D-4258 and ASTM D-4261.

As a Base Coat Decoplast Ci Insulation Board: insulation must be rasped and free of all bond inhibiting materials.

MIXING: Use clean equipment for mixing and preparation. Thoroughly mix the Primus material with Type I or Type II Portland cement at a 1 to 1 ratio by weight. Allow the mixture to set for 5 minutes. Retemper, adding a small amount of water to achieve the desired workability. Only Decoplast approved additives can be added to this product.

APPLICATION: Read the entire label before using this product. Apply only to sound and clean, dry, properly prepared, frost-free surfaces.

As an adhesive: Apply to the back of the insulation board with the appropriate size notched trowel. Form uniform ribbons of adhesive parallel to the short dimensions of the board so the ribbons are oriented vertically in relation to the plane of the wall. Immediately install the board horizontally with staggered joints and apply firm pressure over the entire board surface. Do not delay installation once adhesive is applied. **CAUTION: Do not install adhesive directly on the substrate.**

As a base coat: Apply with a stainless-steel trowel to an approximate thickness of 1/8" (3 mm). Work horizontally or vertically in strips of 40" (1 m) and immediately embed Decoplast Mesh in the wet base coat by troweling from the center to the edges of the mesh. Avoid wrinkles in the mesh and smooth the base coat to eliminate trowel marks. Minimum

COVERAGE:

As an adhesive and base coat: 95 - 120 ft² per pail (8.8- 11.1 m²).

As an adhesive over sheathing or smooth concrete/masonry: 200 – 240 ft² (18.6 – 22.3 m²) per pail when using a 1/2" x 1/2" (13 mm x 13 mm) U notched trowel having a 2" (51 mm) spacing between notches.

As an adhesive over rough or uneven masonry: 70 – 90 ft² (6.5 – 8.4 m²) per pail, applied with a 5/8" x 5/8" (16 mm x 16 mm) notched trowel having a 2" (51 mm) spacing between notches.

As a waterproof base coat: 165 – 205 ft² (15.3 – 19 m²) per pail

As a waterproof foundation base coat: To embed Standard mesh and Armor 20 High Impact 150 – 180 ft² (14 – 16.7 m²) per pail.

As a waterproof skim coat: 185 – 250 ft² (8.4 – 12.5 m²) per pail depending on thickness desired.

Coverages vary depending on application technique and surface conditions.

Application Temperature: 40° – 110° F (5° – 43° C)

Working Time: Pot life is 1 – 2 hours after cement has been added. Open time is affected by temperature and humidity.

Dry Time: Full adhesive bond strength is achieved within 1 – 4 days, depending on temperature and humidity. It typically dries within 24 hours under standard drying conditions [70°F (21°C)]. Cold and/or humid conditions may extend the drying time. Adding Decoplast Quick Cure 1000 can reduce the drying time.

Packaging: 5 gal. (19L) 62.5 lbs. (28.4 kg.) per pail

Color: Off white prior to the addition of Portland Cement

Shelf Life: 12 months if stored properly.

Storage: Protect from extreme heat 90°F (32°C), freezing, and direct sunlight.

recommended thickness of the reinforced base coat is 1/16" (1.6 mm) when dry. Reapply additional base coat if necessary to achieve minimum thickness as soon as the first application is dry. The color of the reinforcing mesh should not be visible at the surface of the base coat material. A slight pattern of the mesh is acceptable, due to shrinkage of the cementitious base coat upon drying. When overlapping reinforcing mesh, special care must be taken to ensure the basecoat & mesh is flat, level and free from bumps. Basecoat should be feathered onto either side of the overlap. The mesh overlaps should be reviewed to ensure they are acceptably flat before proceeding.

As a skim coat or Leveler: Apply mixed Decolastic Ground Coat and trowel to a smooth, uniform surface. Maximum thickness in a single application should be no more than 3/16 in. (6mm).

As a foundation waterproofer: Apply mixed material to a maximum thickness of 1/8" (3 mm) in one application. The application must result in a smooth, pin hole free closed surface. Repeat application when the first coat is dry, if necessary, to fill all voids, pinholes, etc. As a crack repair material for cracks up to 1/8" (3 mm) wide in prepared concrete, masonry and plaster: Remove surface contamination, loose and deteriorated material. Embed 6" (152 mm) wide Decoplast Standard Mesh and center over the crack and feather beyond the edges of the fabric.

For sloped surfaces - For Sloped Surfaces—Embed reinforcing mesh in mixed material as noted in the base coat application. If Decolastic Ground Coat is used on the sloped surface only, Decoplast recommends a skim coat of the base used in the field of the wall to equalize finish absorption and have consistent color. Minimum recommended slope is 1:2 and maximum run is 18" (0.46 m) with two-layers of Standard Mesh. A second option of Primer is an acceptable alternate to the additional field base coat used.

LIMITATIONS: Use Decolastic Ground Coat only when surface and ambient temperatures are above 40°F (4°C) during application and curing time. Provide supplemental heat and protection from precipitation as needed. Decoplast Base Coat Adhesive should not be used on weather exposed horizontal or below grade surfaces or where immersion in water may occur. Decolastic Ground Coat should not be used as a finish coating. It should not be used over wood surfaces except for wood sheathing surfaces protected by Decoplast Fluid applied air and water barrier. Use only on surfaces that are sound, clean, dry, unpainted (10% or less) and free from any residue which may affect the ability of the Decoplast Base coat & Adhesive 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.

CLEAN UP: Clean tools and equipment with water immediately after use. Dried material can only be removed mechanically.

WARNING: Read complete warning information printed on product container 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 on the basis of 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 covered product(s) under normal environmental and working conditions. Because each project is different, Greenmaker Industries. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions

LIMITED WARRANTY

This product is subject to a written limited warranty which can be obtained free of charge from Greenmaker Industries. Refer to Decoplast Specifications for more complete information on proper use and handling of this product.

ATTENTION/IMPORTANT

This product is intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. It should be installed in accordance with those specifications and Decoplast instructions. Greenmaker Industries LLC. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Greenmaker Industries control. Improper use of this product or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. GREENMAKER INDUSTRIES. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH DECOPLAST WARRANTY WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME. For the most current information on proper application, clean-up, mixing, specifications and additional information please refer to the Decoplast website,

www.decoplast.com.



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