



Decolastic Ground Coat

TECHNICAL DATA

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Surface Burning	ASTM E-84	< 25 Flame Spread < 450 Smoke Developed	Pass Pass
Adhesion (psi)	ASTM C-297	28 days	> 25 Gypsum Sheathing > 13 EPS Board > 90 Concrete Block > 30 DensGlass® Gold > 50 Concrete
Water Absorption (oz/ft ² /hr) [kg/m ² /hr]	Lab Method	28 days	0.331 [0.099]
Flexural Strength (psi) [kPa]	ASTM C-203	28 days	65 [448]
Accelerated Weathering	ASTM G-23	2000 hours	Pass
Freeze/Thaw Resistance	ASTM E-2485	60 cycles	Pass; No deleterious effects

Decolastic Ground Coat is an elastomeric weather resistive barrier, adhesive and base coat combined with Portland Cement. Decolastic Ground Coat is used in the Decoplast Continuous Insulation Systems, as well as in the direct applied application on vertical wall assemblies. It is a two component product.

Coverage

As an Adhesive / Base Coat: Coverage will vary based on substrate and substrate condition.

Embedding Coat:

250 ft² (23.2 m²) @ 1/16" thickness

Weather Resistive Barrier / Base Coat:

250 ft² (23.2 m²) per pail @ 1/16" thickness

Coverages may vary depending on adhesive / basecoat application technique and surface conditions.

FEATURES BENEFITS

100% Acrylic Polymer-modified	Flexural strength, resists cracking, increased finish coverage
Smooth consistency	Trowels on easily; increases productivity
Vapor permeable	Allows substrate to breathe naturally; resists blistering due to vapor
Low VOC	Safe for workers and the environment

SURFACE PREPARATION

As a Weather Resistive Barrier / Base Coat / Adhesive

Insulation Board:

Insulation must be rasped and free of all bond inhibiting materials.

Approved Substrate:

Surfaces must be clean, dry and free of frost, damage and all bond inhibiting materials, including dirt, efflorescence, laitance, form oil and other foreign matter. Loose or damaged material must be removed by water blasting, sandblasting or mechanical wire brushing and repaired.

Apply Decoplast Deco-Prep to approved substrate by roller or spray as per Decoplast Details.

Packaging

5 gal. (19L) pail.

Shelf Life

24 months, if unopened, properly stored and protected from moisture.

Storage

Store off the ground in a dry area. Protect from extreme heat [90°F (32°C)], moisture and direct sunlight.

Decolastic Ground Coat



MIXING

Mix equal parts of Decolastic Ground Coat to Type 1 Portland cement by weight. Mix with a clean, rust-free electric drill and paddle. Allow to set approximately five minutes, adjust mix if necessary by adding up to 8 fl. oz. (0.24 L) of water, (adjusting for trowelability) and remix to a uniform consistency. Avoid re-tempering after mixing of product.

APPLICATION

Apply only to sound and clean, dry, properly prepared, frost-free surfaces.

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 Reinforcing Mesh in 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 recommended dry 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. Embedded mesh in base coat should not be visible.

Crack Repair

Embed Decoplast Reinforcing Mesh centered over the crack in Decoplast Reinforcing Mesh and feather along edges.

As a High Build Coat:

Apply with a stainless steel trowel to a maximum thickness of 3/8" to the prepared surface.

Curing/Drying

Dries within 24 hours under normal drying conditions [70°F (21°C), 50% RH]. Allow additional drying time during cold, humid, or wet weather until insulation board is fully adhered before rasping, and before application of primer or finish to hardened Base Coat. Protect from rain, freezing and continuous high humidity until completely dry. Decoplast recommends using Decoplast Primer prior to application of finish.

Clean Up

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

LIMITATIONS

Use Decolastic Ground Coat only when surface and ambient temperatures are above 40°F (4°C) and below 100°F (38°C) during application and drying period.

Sloped surfaces: Refer to Decoplast details.

Decolastic Ground Coat used on weather-exposed horizontal: Contact Decoplast Technical Service.

Decolastic Ground Coat should not be used as a finish coating.

HEALTH AND SAFETY

Health Precaution

Decolastic Ground Coat is water based. As with any chemical construction product, exercise care when handling.

WARNING!

Causes eye and skin irritation.

Safety Precaution

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

First Aid:

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eye lids with fingers. Get immediate medical attention.

SKIN CONTACT: Immediately wash skin with plenty of soap and water for at least 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration or give oxygen by trained personnel. Seek medical attention immediately.

INGESTION: If swallowed, do NOT induce vomiting. Call a physician or a poison control center immediately. Never give anything by mouth to an unconscious person.

Spills

Contain and collect in an appropriate container. Uncured material may be removed with water.

Disposal

Dispose of in accordance with local, state or federal regulations.

Warning

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Safety Data Sheet (SDS) for further health and safety information.

LIMITED WARRANTY

This product is subject to a written limited warranty. Refer to Decoplast Specifications for more complete information on proper use and handling of this product.



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