

Decoplast Liquid Base Coat / Adhesive “High Build”



TECHNICAL DATA

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
			> 60 Concrete Block
			> 25 Dens-Glass® Gold

FEATURES

BENEFITS

Polymer-modified	Excellent adhesion; increases durability and freeze/thaw resistance
Smooth consistency	Trowels on easily; increases productivity
Versatile; Multi-purpose Product	Use as an adhesive, base coat and leveling coat
Can be used as a Leveling Coat up to 1/8" thick per pass; 1/4" total	Minimizes multiple applications when leveling up 1/8" thick per pass; 1/4" total shallow spots or filling voids. Spots fasteners in one pass without shrinking and cracking
High build, fiber-reinforced	Achieves excellent resistance to drying shrinkage cracks; improves coverage when embedding mesh

SURFACE PREPARATION

Adhesive Preparation:

Decoplast Liquid Weather Resistive Barrier: Ensure surface is clean, dry and free of surface contamination. Install insulation board with adhesive within 30 days of the application of Decoplast Liquid Weather Resistive Barrier, or clean the surface and recoat with Decoplast Liquid Weather Resistive Barrier.

Concrete or Masonry

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. Avoid application over irregular surfaces. Resurface, patch or level surfaces to required tolerance and smoothness with appropriate Decoplast leveling materials.

Glass Mat Gypsum Sheathing in Compliance with ASTM C 1177

Ensure surface is clean, dry and free of surface contamination. Sheathing must be installed and protected in accordance with manufacturer's and building code requirements. Remove and replace weather damaged sheathing. Avoid application over irregular, out of plane surfaces. Install insulation board with adhesive within 30 days of installation of the sheathing.

As a Base Coat:

Insulation Board

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

Concrete or Masonry

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As a Leveler

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.

Decoplast Liquid Base Coat / Adhesive “High Build” is a polymer modified, 100% acrylic, fiber reinforced liquid base coat combined with Portland Cement. Liquid Base Coat / Adhesive “High Build” is used in the Decoplast Continuous Insulation Systems. It is a two component product.

Coverage

Adhere EPS insulation board to substrate:
160 ft² (14.9 m²) per pail via notched trowel Method

Embed Decoplast Standard Mesh 4.5oz:
320 ft² (29.7 m²) per pail

Embed Decoplast High Impact 14oz:
230 ft² (21.4 m²) per pail

Embed Decoplast High Impact 20oz:
180 ft² (16.7 m²) per pail

Adhere expanded insulation board EPS to substrate and embed Decoplast Standard Mesh 4.5oz: 120 ft² (11.1 m²) per pail

Coverages may vary depending on application technique and surface conditions.

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.



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MIXING

Mix equal parts of Decoplast Liquid Base Coat / Adhesive "High Build" to Type 1 Portland cement by volume. 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, 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 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 dimension 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 uniform pressure over the entire board surface. Do not delay installation once adhesive is applied.

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.

As a High Build Skim Coat over Masonry:

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

As a Leveler

Use a straight edge to determine low points. Pre-fill low points of substrate and allow to cure. Using a trowel with a good set, trowel to a level plane with a light touch. Ensure a maximum lift of 3.2 mm (1/8"). Repeat, if necessary to a maximum total lift of 6.4 mm (1/4").
Note: On CMU, skim entire wall; allow to cure; skim entire wall with second coat.

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 Decoplast Liquid 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 Decoplast Liquid Base Coat "High Build" only when surface and ambient temperatures are above 40°F (4°C) during application and drying period.

Sloped surfaces: Refer to Decoplast details.

Decoplast Liquid Base Coat "High Build" should not be used on weather-exposed horizontal or below grade surfaces or where immersion in water may occur.

Prevent rapid loss of moisture from exposure to direct sun, wind and high temperatures.

Decoplast Liquid Base Coat "High Build" should not be used as a finish coating.

HEALTH AND SAFETY

Health Precaution

Decoplast Liquid Base Coat "High Build" 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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