

HypoCoat GC

Hybrid Polyurea/Polyurethane
Green Concrete Waterproofing Membrane



APPLICATION	Liquid Applied Membrane
INSTALLATION	Single Component
TECHNOLOGY	Elastomeric Polyurea/Polyurethane Hybrid

HypoCoat GC (Green Concrete) is a user-friendly, high solids, single component, liquid applied membrane for cured or green concrete. The system uses two coats of a modified urethane coating and protection board to create an elastomeric system designed to expand and contract with normal structural movements.

HypoCoat GC is easy to use and can be applied immediately after green concrete forms have been removed, providing a quick return-to-service window during application. It also acts as an aggressive barrier against harsh chemicals, abrasive wear, and heavy impact.

FEATURES

- Single Component
- Economical
- High Solids
- Quick Return-to-Service
- Low VOCs
- Expands and Contracts
- Easy to Use
- Apply Immediately After Forms Removal
- Labor Saving
- Resistant to Bacterial Growth
- Meets Criteria of ASTM C-836 & E-96

APPLICATIONS	• Green Concrete	• Plaza Decks
	• Warehouses	• Foundation Walls
	• Masonry	• Restrooms
	• Storage Areas	• Parking Decks
	• Basements	• Planters
	• Tunnels	• Bridges

COVERAGE	215 mils	120 mils	90 mils	60 mils
	7.5 sq ft/gal	13 sq ft/gal	18 sq ft/gal	25 sq ft/gal

PACKAGING			PRODUCTS		
	5 Gal Pail	55 Gal Drum		HORIZONTAL FLUID APPLIED	VERTICAL FLUID APPLIED



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MIXING

HyppoCoat GC should be thoroughly mixed using a mechanical mixer at slow speed to ensure a homogeneous material. Take care not

PREPARATION

All surfaces must be unpainted/unsealed, clean, dry and free from all contaminants which will inhibit the penetration of HyppoCoat GC into pores. Any curing, scaling or coating agents must be chemically or mechanically removed. If acid is used in the cleaning process, neutralize the surface and rinse well.

APPLICATION

HyppoCoat GC can be applied in as little as 24 hours. Apply at a rate of 120 mils in a single lift to speed application without sacrificing performance. It can also be applied in multiple lifts to achieve 215 mil high-build system when maximum protection is required. For specific design requirements, please contact Barrett directly.

JOINTS, CRACKS, & FLASHING

Apply HyppoCoat GC over all primed joints and cracks. Bridge the joints and cracks with 3 inch (7.6 cm) Polyester Tape, pushing it into the sealant with a trowel. Over reinforcement tape, apply a thin coat of HyppoCoat GC and smooth onto adjacent surface.

CURING

At 70°F (21°C) and 50% relative humidity, allow each coat 16 hours to fully cure. If more than 48 hours pass between coats, the surface must be re-primed. HyppoCoat GC is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in thickness of application. Limit single coat thickness to 30-40 wet mils.

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

STORAGE

HyppoCoat GC, in its original, factory-sealed container, has a shelf life of one year from the date of manufacture when stored indoors at a temperature between 60 - 90°F.

	PROPERTIES	MEASUREMENT	TEST METHOD
HORIZONTAL TESTING	Hardness	50 ± 5 (Shore A)	ASTM D2240
	Tear Resistance	40 ± 20 pli	ASTM D624
	Tensile Strength	350 ± 50 psi	ASTM D412
	Elongation	300 ± 50%	ASTM D412
	Relative Density	1.32	
	Solids (Weight)	92 ± 3%	ASTM D2369
	Solids (Volume)	90 ± 3%	ASTM D2697
	Viscosity @80°F	5,000 ± 2,000 cps	
	Service Temp.	-25°F to 200°F	
	VOCs	0.83 lb/gal	ASTM D2369-81

	PROPERTIES	MEASUREMENT	TEST METHOD
VERTICAL TESTING	Hardness	45 ± 5 (Shore A)	ASTM D2240
	Tear Resistance	35 ± 10 pli	ASTM D624
	Tensile Strength	350 ± 50 psi	ASTM D412
	Elongation	300 ± 50%	ASTM D412
	Relative Density	1.23	
	Solids (Weight)	92 ± 3%	ASTM D2369
	Solids (Volume)	90 ± 3%	ASTM D2697
	Viscosity @80°F	40,000 ± 20,000 cps	
	Service Temp.	-25°F to 200°F	
	VOCs	0.83 lb/gal	ASTM D2369-81

LIMITED WARRANTY: Barrett warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Barrett makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to The Barrett Company, LLC. Barrett to replace or to refund the purchase price of the quantity of Barrett proven to be defective, and Barrett shall not be liable for any loss or damage.



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