

HyppoCoat 100

Hybrid Polyurea/Polyurethane Trafficable Waterproofing Membrane



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

HyppoCoat 100 is an aliphatic two component, fast-setting, rapid-curing, solvent-free, high-performance, and high-solids polyurea/urethane polymer waterproof coating that can be utilized suitably for heavy-duty wearing surface applications on prepared interior or exterior concrete, plywood and metal surfaces.

Due to its fast gel time, HyppoCoat 100 is suitable for applications in temperatures as low as 20°F. It is also relatively insensitive to moisture and temperature, allowing for applications in various temperatures and humidity.

HyppoCoat 100 may be used as a stand-alone application for flooring, pedestrian and vehicular parking deck applications, as well as a membrane for waterproofing applications.

FEATURES

- Single coat application at any thickness
- Excellent Weathering
- Coats Green Concrete
- Seamless
- Labor Saving
- Non-Gassing
- User Friendly
- Fast Curing (1-4 hours)
- Resists Dirt Attraction
- Good Thermal Stability
- Excellent flexibility over extreme temperatures
- No Odor
- Recoatable
- Meets SCAQMD VOC Requirements

APPLICATIONS

- Parking Decks
- Walkways, Patios, & Stairways
- Porticos & Sun Rooms
- Metal Roofs
- Mechanical Rooms
- Heavy Duty Elastomeric Flooring
- Basketball Courts
- Pre-cast Joints
- Blocks & Masonry
- Curtain Walls

COVERAGE

1 mil

1,520
sq ft/gal

PACKAGING



Part A
5 Gal Pail

5 Gal Kit



Part B
1 Gal Pail

1 Gal Kit



Part A
1 Gal Pail



Part B
1 Qt Can



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PREPARATION

Refer to General and Safety Guidelines for complete information. Concrete surfaces require a medium sandpaper finish equal to or greater than an ICRI CSP #3. Surface preparation may be completed by shot blasting. Peel and adhesion tests are recommended.

Install a 100-200 sq ft (9.30-18.58 sqm) mockup of the system to be installed and approve for aesthetics, color, slip resistance, actual coverage rates and functionality before proceeding.

MIXING

Using a mechanical mixer, first pre-mix separately Part A and Part B base material thoroughly to obtain a uniform color, making sure to scrape the solids from the bottom and sides of the pail.

Pour Part B into Part A slowly and while mixing, scrape the sides of the container. Mix for 1-2 minutes. Box the materials. Mix the combined Part A and Part B mixture thoroughly until uniform color is obtained.

NOTE: HyppoCoat 100 may NOT be diluted under any circumstances. Do NOT estimate; proportions are precisely premeasured for optimal results.

APPLICATION

For best results, use a squeegee or notched trowel to spread HyppoCoat 100 evenly over the entire deck surface. HyppoCoat 100 should be applied at a temperature of 20°F (-6.7°C) and above. Curing time will depend on temperature.

APPROVALS



ASTM C-836

ASTM E-96

JOINTS, CRACKS, & FLASHING

Apply a single or two component non-gassing polyurethane sealant over all joints, cracks and flashing. Bridge the joints, cracks and flashing with 2.75 - 4" polyester or polyurethane foam tape, pushing the tape into the 20 mil pre-stripe of the basecoat.

Over reinforcement tape, apply a pre-stripe coat of HyppoCoat 100 material and taper it onto the adjacent surface. Allow the surface to cure for around 1 to 2 hrs.

EQUIPMENT CLEANUP

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

STORAGE

It is recommended that HyppoCoat 100 be stored indoors at a temperature between 60-95°F (15-35°C).

SHELF LIFE

HyppoCoat 100 has a shelf life of one year from the date of manufacture when stored in its original, factory-sealed container within the recommended setting.

	PROPERTIES	MEASUREMENT	TEST METHOD
TECHNICAL PROPERTIES	Hardness	80 ± 3 (Shore A)	ASTM D2240
	Tear Resistance	300 ± 25 pli	ASTM D624
	Tensile Strength	2500 ± 100 psi	ASTM D412
	Elongation	800 ± 100%	ASTM D412
	Pot Life	10 ± 2 min	
	Tack-Free Time	3-4 hrs	
	Solids (Weight)	94 ± 3%	ASTM D2369
	Solids (Volume)	95 ± 3%	ASTM D2697
	Split Tear	100 ± 10 pli	ASTM D470
	VOCs	0.49 lb/gal	ASTM D2369-81
	Relative Density	A = 1.05 ± 0.1 B = 0.99 ± 0.1	
Viscosity (75°F)	A = 1500-2000 cps B = 50-150 cps		

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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