



POLYCOAT PRODUCTS

A Division of American Polymers Corp.

THEMECOAT® 101 In-Mold Coating Technical Data Sheet

DESCRIPTION

Themecoat® 101 is an in-mold coating to enhance the release properties of the Themecoat® resin systems, with extremely fast drying time for increased efficiency. It is a base color coat that can be stained with pigments to provide various color shades.

FEATURES

- ❖ Fast Dry
- ❖ Single Component
- ❖ Outstanding Flexibility and Impact Resistance
- ❖ Good Color Retention
- ❖ Provides Stainable Surface

RECOMMENDED USES

- ❖ To be used in Conjunction with Dry Color Pigments

COLORS

White

PACKAGING

- 1 gallon cans
- 5 gallon pails

COVERAGE

Themecoat® 101 theoretical coverage for 1 mil thickness is one gallon per 130-260 sq. ft. Recommended thickness is 1-2 mils.

THINNING

Use Toluol as necessary to provide proper flow and sprayability. Dilution should not be greater than a 1:1 ratio.

APPLICATION PARAMETERS

Minimum surface and ambient temperature is 65°F (18°C).

Dry time to Laminate at 50% RH:

Temperature	Dry Time
75°F (24°C)	5 minutes
100°F (38°C)	32 minutes
120°F (49°C)	2 minutes

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe, urethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

STORAGE

Themecoat® 101 has a shelf life of one (1) year from date of manufacture in factory sealed containers.

Store containers on wooden pallets to avoid direct contact with the ground.

TECHNICAL DATA

Total Solids by Volume	16 ± 1%
Flash Point, PMCC	24°F
	-4°C
Viscosity, LV 4/60 RPM	200 cps
Weight, ASTM D-1475	8.8 ± 0.3
Volatile Organic Compounds	5.8 lbs/gal
	687 gm/liter
Flexibility	Passes
Accelerate Weathering	No Cracking, Chalks
(G-23 QUV)	or Loss of Property
	after 2000 hours
High Temperature Resistance, ASTM D-5373	
Continuous	180°F (82°C)
Intermittent	200°F (93°C)

LIMITATIONS

Do not open until ready to use.

WARNING

This product contains solvents.

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Polycoat Products representative or visit our website for current technical data and instructions.

LIMITED WARRANTY

Polycoat Products warrants its products to be free of manufacturing defects and that they will meet Polycoat Products current published physical properties. Polycoat Products warrants that its products, when properly installed by a state licensed waterproofing contractor according to Polycoat Products guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of one (1) year. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. There are no other warranties by Polycoat Products of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Polycoat Products shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Polycoat Products shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Polycoat Products reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

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