



**POLYCOAT
PRODUCTS**
A Division of American Polymers Corp.

THEMECOAT® 224
Pigment Binder System
Technical Data Sheet

DESCRIPTION

Themecoat® 224 is a binder that is formulated to be mixed with dry powder pigments to stain urethane substrates to create natural environments.

FEATURES

- ❖ Quick Dry
- ❖ Good Weathering
- ❖ Single Component

RECOMMENDED USES

- ❖ To be used in conjunction with Dry Color Pigments

COLORS

Clear

PACKAGING

- 1 gallon cans
- 5 gallon pails

COVERAGE

Themecoat® 224 theoretical coverage for 1 mil thickness is one gallon per 282 sq. ft. Recommended thickness is 1-2 mils.

APPLICATION MIXING

Themecoat® 224 needs to be diluted before using.

Dilute one part Themecoat® 224 to three parts Xylol by volume (Themecoat™ 224 : Xylol = 1 : 3).

Add 8-12 dry ounces of pigment per gallon of Themecoat® 224 and mix thoroughly with air driven power equipment until a homogeneous mixture and color is obtained or use recirculation.

EQUIPMENT CLEAN UP

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

STORAGE

Themecoat® 224 has a shelf life of one (1) year from date of manufacture in factory sealed containers.

Stored above 60°F (15°C).

Avoid freezing temperatures.

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

TECHNICAL DATA

Mix Ratio by Volume	1 (Themecoat® 224) : 3 (Xylol)
Total Solids by Volume	18 ± 2%
Tack Free Time, at 80°F (27°C), 50% RH	15-30 minutes
Recoat Time	1-8 hours
Viscosity, Zahn #2 Cup	18-20 seconds
Density	7.56 lbs/gal
Flash Point	45°F
	7°C
Volatile Organic Compounds	6.35 lbs/gal
	760 gm/liter

LIMITATIONS

Do not open until ready to use.

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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