

CONCRETECH

DecaThane 230

PRODUCT DESCRIPTION

DecaThane 230 is an Oil-free, single component MOSITURE CURE aliphatic polyurethane sealer. It is clear, low viscosity, solvent based, designed as a fast drying protective coating on substrates such as concrete metal and wood. DecaThane 230 dries by a combination of solvent release, and polymerization initiated by both moisture in the atmosphere and of catalyst.

ADVANTAGES

- Water Clear High Gloss Finish
- Non-Yellowing
- Rapid Drying
- Excellent Adhesion
- Exceptional Surface Hardness
- Excellent Impact and Abrasion Resistance

USES

DecaThane 230 is an ideal sealer for commercial, industrial and residential floorings such as Seamless Flooring, Hardwood Floor Coating, Concrete Floor Coating and Dust Proofing. DecaThane 230 can also be used as an aggregate binder.

PACKAGING

DecaThane 230 is available in 3.78L./1 Gal. and 18.9L./5 Gal. containers.

LIMITATIONS

DecaThane 230 should not be applied at temperatures below 50° F (10°C). The product contains aromatic solvents that evaporate during its curing process. This solvent should be dispersed from the area by adequate ventilation.

INSTALLATION INSTRUCTIONS

Concrete should have achieved full cure: normally 28 days. Surfaces should be clean, dry and sound. Remove surface laitance. Application can be done with spray, short knap roller, or brush. For the best results, the sealer should be poured or flowed over the surface, taking care to minimize air entrapment. Damp surfaces should be primed with 27% solid coat to tie up surface moisture and prevent bubbling in subsequent coats. To make a sealer with 27% solid, mix one part by volume of DecaThane 230 with one part by volume of Acrythin. Wood surface must be clean, dry, and free from grease, oil or other foreign matter. Apply the sealer with a good quality applicator. Any number of successive coats of DecaThane 230 can be applied provided 24 hours have not transpired since the previous application. One gallon of DecaThane 230 on smooth non-porous surfaces covers up to 860 SqFt. obtaining 1 mil dry film thickness. If the product is thinned to be applied as a primer then one gallon of the thinned product will cover 430 SqFt.

STORAGE

Storage: Shelf life of four months from the date of manufacture in protected area at 5 - 30°C.

PROPERTIES

	Analysis
Non Volatile (Wt)	59.0%
Non Volatile (Vol)	54.0%
Specific Gravity	0.947
VOC, lbs/gal	3.38
VOC, g/l	<400
Dry Time	
Tack Free Time	1 to 24 Hours at 23°C
Thorough Dry	4 Hours
Hard Dry	24 Hours
Sward Hardness	
1 Day	25
3 Days	38
7 Days	38
Physical Properties (7 day cure @ 25°C)	
Pencil Hardness	HB
Impact, Direct	160 lbs
Impact, Reverse	140 lbs
Conical Mandrel	Pass
MEK Double Rubs	100+

CONCRETECH

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**Chemical Resistance (Immersion Test 7 Days @ 125°F
(Volume Increase or swelling))**

Kerosene	0(no effect)
Xylene	30
High Flash Naphtha	25
Methylene Chloride	50
MEK	40
Ethyl Alcohol	55
Ethylene Glycol	10
Vegetable Oil	0(no effect)
Ethyl Acétate	75
Glycerin	0(no effect)
1:1 Ethanol/Water	30
MIBK	55
Kerosene	0(no effect)

Coverage: 430 SqFt. / 2mil/Gal

SAFETY PRECAUTIONS

Handling: Prolonged contact with skin may cause irritation. Vapor and spray mist are harmful. Use appropriate respirator and protect skin and eyes from contact when using this product.

Avoid breathing vapors. Avoid eye contact. Wear protective clothing, vapor mask & eye protection. Keep away from children. See MSDS for additional information.

TECHNICAL SERVICES

Complete technical information is available from Concretech Inc. and its authorized applicators and distributors. In house laboratory testing is available for specialty applications. Technical services available in North America call toll free 1.888.503.6780

Concretech Inc.'s sole warranty is that our products have been manufactured to meet with our written specifications. The information herein is general information to assist our customers in determining whether our products are suitable for their applications. Our products are intended for sale to commercial and industrial customers. We require customers to inspect and test our products before use and to satisfy themselves as to contents, suitability and applications. Nothing herein shall constitute any other warranty, express or implied, including any warranty of merchantability or fitness for a particular purpose, nor is any protection from any law or patent inferred. All patent and trademark rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for incidental or consequential damages.