

ROCK HARD URETHANE

Two Component Solvent Based Clear Urethane

Product Description

Rock Hard Urethane is a UV resistant, specially formulated, two component, low viscosity acrylic urethane. This product provides a tough, scratch resistant, high gloss protective coating for interior and exterior use.

Benefits & Features

- Provides high gloss, abrasion resistant finish
- Superior UV stability out performs many similar products on today's market

Technical Information

| | |
|---|------------------------------|
| Solids/Active Content, Percentage by weight | 51% +/- 1% |
| Dry Time - Tack Free | 2 - 3 hours |
| Dry Time - Foot Traffic | 24 hours |
| Dry Time - Heavy Traffic | 5 - 7 days |
| Recoat Time Window | 4 - 20 hours |
| Application Temperature | 50°F - 80°F |
| VOC (Volatile Organic Compound) Content | Less than 250 grams/Liter |
| Appearance - Wet | Clear (may show slight haze) |
| Appearance - Dry | Clear and Medium/High Gloss |

Specifications/Compliances

Dried coating is USDA accepted

Approximate Coverage Rates

250 - 300 square feet per gallon

Shelf Life

Up to one year from manufacture date in its original, unopened container stored at room temperature

Packaging

Available in 1.25 gallon kit and 5 gallon kit

ORRVILLE

133 North Kohler Road
Orrville, Ohio 44667
(330) 682-5678

CLEVELAND

7941 Granger Road
Cleveland, Ohio 44125
(216) 573-0770

COLUMBUS

690 Harrison Drive
Columbus, Ohio 43204
(614) 253-3326



Instructions for Use

Preparation: Light shotblasting or diamond grinding is suggested for superior adhesion.

Coated Concrete: An existing coating must be completely removed prior to applying new product or a thorough sanding or other mechanical grinding is highly recommended to prepare the surface if applying over an existing coating. After existing coating is removed or sanded and prepared a test area coat is highly recommended to test adhesion prior to entire application.

Substrate temperature must be no less than 55°F and not exceed 80°F. Avoid applying coating in high humidity/moisture atmospheres. If applied outside these limits the coating may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

Mixing: Mix exactly 4 parts of A to 1 part of B. Mix thoroughly to ensure uniform coating, color (if applicable), and thorough curing properties. No induction time is needed. Be sure to only mix enough material that can be applied within 45 minutes.

Application: It is recommended to apply this coating using a 1/4" - 3/8" shed-free, phenolic core roller. Apply evenly at a rate of 250-300 sq.ft. per gallon, always keeping a wet edge. Back rolling is necessary to achieve a uniform, roller mark free application. It is recommended to work in sections usually using control joints as dividers to ensure proper application results. Do not allow to puddle. Use a bristle brush to remove excess coating in joints. It is recommended to recoat within 24 hours of first coat (suggested recoat time approximately 10-12 hours in average application temperatures of 50% R.H. @ 72°F) If recoat time exceeds 24 hours, reduce the second coat adding 15% solvent retarder (approx. 1 pint Acetone to 1 mixed gallon of product) to achieve proper intercoat adhesion.

Please note: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc.

Clean-up

Use xylene. Dispose of containers in accordance with local, state and federal regulations.

Precautions & Limitations

- Rock Hard Urethane will not freeze during storage, however, allow temperature to rise to a minimum 60°F prior to application
- All HVAC ventilation ducts should be somehow blocked prior to application so solvents fumes are not distributed
- Keep away from open flames. Rock Hard Urethane is flammable and is very susceptible to ignition
- It is not recommended to apply Rock Hard Urethane over existing coatings due to inadequate adhesion.
- Coverage rates depend upon many conditions including application method, surface porosity, applicator etc.
- Rock Hard Urethane should be applied in medium to thin coats. Do not puddle
- Be aware that this product may be slippery when wet. Deco Grip may be needed to reduce surface slip hazards.
- Rock Hard Urethane contains harsh vapors. Adequate ventilation and proper respiratory protection is necessary
- Do not apply Rock Hard Urethane over wet or damp surfaces. Moisture tests may be necessary prior to application.

Special Notes

Please consult Safety Data Sheet (SDS) and read warranty information prior to use. This information can be requested by contacting customer service at 330-682-5678.

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