

IsoCoat URS 7022 Fast

IsoCoat URS 7022 Fast is a two-component, 95% solids structural polyurethane floor coating designed to fill/repair pin holes, surface pitting, scratches, and gouges in concrete. This material is developed to be used in commercial and retail polished concrete floors. When applied at 74°F, IsoCoat URS 7022 can be grinded within 1 hour.

APPLICATIONS

- Concrete coating
- Concrete Crack Fill
- Floor Coating

PRODUCT ADVANTAGES

- Convenient Mix Ratio
- Fast cure; can be sanded in 2 hours
- High gloss
- Impact Resistance
- Improved color stability

*Values given are not intended to be used in specific preparation

Component Properties

Color - ISO	Dark Amber
Color - POL	Various Colors Available
Mixed Viscosity - ASTM D-2196 - (74°F)	200 - 400
Viscosity - ASTM D-2196 - 74°F, ISO	150 - 300
Viscosity - ASTM D-2196 - 74°F, POL	150 - 400
Weight per gallon - ISO	9.47
Weight per gallon - POL	8.47

Reactivity Profile

Ratio by Volume - ISO:POL	1 - 1
Pot Life - 100g	4 - 5 Minutes
Tack Free Time	10 - 15 Minutes
Working Time	5 - 8 Minutes

Typical Physical Properties

Hardness - ASTM D2240 - Shore D	70 - 75
Tear Strength - ASTM D624, Die C	150 psi
Tensile Strength - ASTM D412	6900 psi
Elongation - ASTM D412	4.3 %
VOC	47 g/L
Compressive Strength - ASTM D695 - @ 10% Strain	7600 psi

RECOMMENDED HANDLING INSTRUCTIONS

Isotec® International's Recommended Application and Handling Instructions

- use only in well-ventilated areas.
- wear chemically resistant rubber gloves, safety glasses, and an apron.
- avoid prolonged or repeated contact with skin.
- In case of skin contact, wipe affected area with isopropyl alcohol, followed by soap and water.
- In case of eye contact, flush eyes with water for 15 minutes and consult a physician.
- If swallowed or comes into contact with eyes, seek medical attention immediately.
- Always mix/roll Poly side prior to use to ensure a homogenous product.

IsoCoatURS 7022 is designed for use on concrete floors at temperatures greater than 32°F.

Remove all loose concrete chips and spalls back to structurally sound concrete. Concrete should be clean and dry and completely free of dust, debris, dirt, oil and moisture prior to application of material. If moisture is present, the IsoCoat URS 7022 will foam.

IsoCoat URS 7022 should be preconditioned at 75°F for best results and working time. IsoCoat URS 7022 should be mixed at a 1 Iso : 1 Poly ratio by volume. An additional accelerator package may be provided. Blend this into the mixing

container as a third component. Upon combining, the mixture should be mechanically mixed with a paint paddle with a slow-speed drill for 45 seconds, until thoroughly blended before applying material to floor surface.

Pre-fill defects larger than a penny with IsoCoat URS 7022, and let cure approximately 30 minutes before floor application. For the floor application, apply material generously on the floor and work into the surface using a metal smoother or rigid-edged trowel. Monitor surface for air holes resulting from entrapped air and re-apply as needed. In some cases, more than one coat will be required for best results. If two coats are desired, first coat should be ground off prior to installing a second coat.

Expected coverage is 435 sf - 875 sf per gallon depending upon porosity of floor and severity of surface deficiencies.

STORAGE

Store product at normal room temperature before using. Continuous storage should be between 60°F and 90°F. Low temperatures or temperature fluctuations may cause crystallization.

SAFETY

-Refer to the product SDS for all relevant safety information.

Date Modified

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- Reported laboratory test results of the color stability in no way relates to the actual performance upon exposure to light sources. Since all aromatic urethanes experience color degradation upon ultraviolet light exposure, Seller shall not be liable for any damages resulting from ultraviolet light color degradation of any aromatic urethane systems manufactured or sold by Seller.
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