

## IsoCoat HRP 7032

IsoCoat HRP 7032 is a sprayable, VOC-free, 100% solids, HAP free, two-component, aromatic elastomeric coating. Its low viscosity at operational temperatures makes this product ideal for both in-plant and field spray applications. The unique properties of this coating include insensitivity to moisture and sprayability over both polyurethane and polystyrene foam and steel piping.

### APPLICATIONS

- Pipe coatings (interior/exterior)

### PRODUCT ADVANTAGES

- No VOC's

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

### Component Properties

Color - ISO	Yellow Tint
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Color - POL	Clear
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Specific Gravity - 74°F, ISO	1.185 - 1.205
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Specific Gravity - 74°F, POL	1.01
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Viscosity - ASTM D-2196 - 74°F, ISO	60 - 100 cps
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Viscosity - ASTM D-2196 - 74°F, POL	250 - 400 cps
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### Reactivity Profile

Ratio by Weight - ISO:POL	54:46
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Ratio by Volume - ISO:POL	50:50
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Gel Time - 100 gram sample, 74°F	30 - 45 Seconds
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Tack Free Time - 100 gram sample, 74°F	45 - 70 Seconds
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Sprayed Gel Time	20 Seconds
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Full Cure	2 Hours
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Recoat Window	0 - 24 Hours
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### Typical Physical Properties

Hardness - ASTM D638 - Shore D	65 - 70 Shore D
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Elongation - ASTM D638	11 %
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Tensile Strength - ASTM D412	3300 psi
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### RECOMMENDED HANDLING INSTRUCTIONS

To achieve the best results:

-Always mix/roll POL side prior to use to ensure a homogenous product.

### MACHINE MIXING REQUIREMENTS

Graco XP-2:

ISO Pressure: 1300-2000psi

ISO Temperature: 130° - 150°F

POL Pressure: 1300-2000psi

POL Temperature: 130° - 150°F

Graco Fusion AP Gun:

Module: AF4242

Tip: 431

When finishing application of coating the next day:

Lightly abrade the sprayed surface to remove gloss. Remove dust and clean surface with a solvent such as acetone or isopropyl alcohol. Allow solvent to dry for 30 minutes before spraying the coating. Do not spray past the area that has been prepared.

## STORAGE

Protect Iso and Pol side from moisture. If the Iso side material is exposed to moisture, including moisture from the air, it will release CO<sup>2</sup> gas. If placed in a sealed container, this gas can cause a dangerous build up of pressure potentially resulting in injury or death. If the Pol side is exposed to excess moisture and then applied it may cause weak or foamed material to be applied.

Always mix/roll Pol side prior to use to ensure a homogenous product.

## SAFETY

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

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- THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OR MERCHANTABILITY OR FOR ANY PARTICULAR PURPOSE. While all data presented in Seller's technical data sheet is based on the best information available to Seller and believed correct, such data is not to be construed as a warranty that the product will conform to such specifications. Such technical data sheets are subject to change without notice. Reported laboratory test results of fire redundancy in no way relates to the actual performance under fire conditions. Since all urethane systems are organic, they will burn.
- 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.
- The liability of the Seller shall not exceed the purchase price and the Buyer shall not be entitled to nor the Seller be liable for any consequential, incidental, indirect or special damages resulting in any manner from the furnishing of the product.

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