

## IsoCoat NRN 7062

IsoCoat NRN 7062 is a sprayable, VOC-free two-component, pure polyurea elastomeric membrane. Its low viscosity at operational temperatures makes it a product ideal for both in-plant and field applications. Unique properties of this coating are its rapid cure time and its insensitivity to moisture. This inherently sound dampening coating can be applied to be non-slippery.

### APPLICATIONS

- Aquariums
- Bridges
- Cold storage areas
- Containment areas
- Cooling tower liners
- Dairy barn walls and floors
- Dry walls
- Earthen containment
- Fertilizer plants
- Floating docks
- Floor and wall systems
- Industrial plants
- Lift Station waterproofing
- Manhole vaults
- Mechanical rooms
- Pipe coatings
- Pulp and paper mills
- Street lights
- Tank Linings
- Waste water
- Wet walls
- Zoo enclosures

### PRODUCT ADVANTAGES

- Application at -20° F to 300° F
- Can be built up to any thickness in one application
- Fast cure; can be handled/walked on in one minute
- Near Instant Gel Time
- No VOC's
- Resistant to many chemicals
- Resistant to thermal shock
- Seamless and flexible
- USDA Approved for Incidental Food Contact

### RECOMMENDED HANDLING INSTRUCTIONS

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

IsoCoat NRN 7062 is a very fast set polymeric material designed to be spray applied from high pressure plural component heated equipment. It cannot be hand mixed for application. Typical equipment for application includes:

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

#### Component Properties

Color - ISO	colorless - pale yellow
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Color - POL	various
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Specific Gravity - 74°F, ISO	1.11 - 1.15
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Specific Gravity - 74°F, POL	1.0 - 1.05
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Viscosity - ASTM D-2196 - 74°F, ISO	200 - 300 cps
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Viscosity - ASTM D-2196 - 74°F, POL	400 - 700 cps
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#### Reactivity Profile

Ratio by Volume - ISO:POL	1 - 1
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Gel Time	20 Seconds
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Sprayed Gel Time	15 Seconds
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Full Cure	24 Hours
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#### Typical Physical Properties

Flash Point	200 °F
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Mandrel Bend - ASTM D522 - 1/4" Mandrel-20 C, 30-50mil Free Film	pass
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Mandrel Bend - ASTM D522 - Conical Bend 1/32" Steel panel	pass
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Hardness - ASTM D2240 - Shore D	50 Shore D
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Tear Strength - ASTM D624, Die C	475 pli
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Tensile Strength - ASTM D412	3000 psi
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Elongation - ASTM D412	800 %
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Graco E-30, E-XP, H-XP, H-20/35, H-40 or equivalent sprayed through a Fusion MP or AP, GX-7, Probler P-2 or equivalent gun. Minimum recommended settings are 1800 psi for pressure and 145° F for all temperatures. Please contact Isotec® for any other machine or application questions.

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<sub>2</sub> gas. If placed in a sealed container, this gas can cause a dangerous buildup 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.

## 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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Since Seller exercises no control over Buyers application or use of the product manufactured by Seller ("product") and since materials used with the product may vary, it is understood that:

- 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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