IsoCoat NRN 5065

IsoCoat NRN 5065 is a sprayable 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 make it slightly slower than some conventional polyurea spray systems which make for a nice smooth coat.

APPLICATIONS

- Industrial
- Marine Equipment
- Theming

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

Component Properties	
Color - ISO	Light Yellow
Color - POL	Black, Tan
Specific Gravity - 74°F, ISO	1.1 - 1.15
Specific Gravity - 74°F, POL	1.0 - 1.05
Viscosity - ASTM D-2196 - 74°F, ISO	500 - 740 cps
Viscosity - ASTM D-2196 - 74°F, POL	750 - 1250 cps
Reactivity Profile	
Ratio by Weight - ISO:POL	1.12:1
Ratio by Volume - ISO:POL	1:1
Gel Time	18 - 22 Seconds
Sprayed Gel Time	20 Seconds
Tack Free Time	55 - 70 Seconds
Full Cure	24 Hours
Typical Physical Properties	
Percentage Solids	100 %
Hardness - ASTM D2240 - Shore A	80 - 83 Shore A
Tear Strength - ASTM D624, Die C	380 pli
Tensile Modulus - ASTM D412	6.0 ksi
Tensile Strength - ASTM D412	2440 psi
Elongation - ASTM D412	350 %

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.

Heated Plural Component Equipment, in 1:1 ratio only, such as: H 2000, H-3500, or H-20/35 series with a GX7, sprayed at a minimum of 2000 psi and 160º F at the gun.

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 CO2 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.

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