IsoCoat NRN 5066

IsoCoat NRN 5066 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.

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

Component Properties	
Color - ISO	Light Yellow
Color - POL	Black
Specific Gravity - 74°F, ISO	1.13
Specific Gravity - 74°F, POL	1.01
Viscosity - ASTM D-2196 - 74°F, ISO	900 cps
Viscosity - ASTM D-2196 - 74°F, POL	1000 cps
Reactivity Profile	
Ratio by Weight - ISO:POL	1.1 - 1
Ratio by Volume - ISO:POL	1 - 1
Gel Time - 100 gram sample, 74°F	23 - 27 Seconds
Sprayed Gel Time	20 Seconds
Tack Free Time	55 - 75 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	412 lbs/in
Tensile Modulus - ASTM D412	5.9 ksi
Tensile Strength - ASTM D412	2660 psi
Elongation - ASTM D412	400 %

RECOMMENDED HANDLING INSTRUCTIONS

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.
Protect iso and poly side from moisture. If the iso 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 build up of pressure potentially resulting in injury or death. If the B side is exposed to excess moisture and then applied it may cause weak or foamed material to be applied. Always mix/roll B side prior to use to ensure a homogenous product.

STORAGE

Protect Iso and Poly 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 build up of pressure potentially resulting in injury or death. If the Poly side is exposed to excess moisture and then applied it may cause weak or foamed material to be applied.

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

Protect from moisture. If the material is exposed to moisture, including moisture from the air, it will release CO2 gas.

SAFETY

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

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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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