

IsoCoat NLN 7063

IsoCoat NLN 7063 is a two-component, aliphatic, 100% pure polyurea spray coating. IsoCoat NLN 7063 is 100% solids, VOC-free and is used in applications where a quick cure time is desired. This inherently sound dampening coating can be applied to be non-slippery.

APPLICATIONS

- Bridges
- Floating docks
- Lift Station waterproofing
- Manhole vaults
- Street lights

PRODUCT ADVANTAGES

- Can be built up to any thickness in one application
- Fast Cure
- Near Instant Gel Time
- No VOC's
- UV resistant

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

Component Properties

Color - ISO	clear
Color - POL	various
Specific Gravity - 74°F, ISO	1.035 - 1.055
Specific Gravity - 74°F, POL	1.02 - 1.07
Viscosity - ASTM D-2196 - 74°F, ISO	800 - 1800 cps
Viscosity - ASTM D-2196 - 74°F, POL	100 - 220 cps

Reactivity Profile

Ratio by Weight - ISO:POL	1:1
Ratio by Volume - ISO:POL	1:1
Gel Time	5 Seconds
Sprayed Gel Time	5 Seconds
Tack Free Time	15 Seconds
Full Cure	24 Hours

Typical Physical Properties

Hardness - ASTM D2240 - Shore D	50 Shore D
Tear Strength - ASTM D624, Die C	370 pli
Tensile Modulus - ASTM D412 - 100%	1290 psi
Tensile Modulus - ASTM D412 - 200%	1690 psi
Tensile Modulus - ASTM D412 - 300%	2220 psi
Tensile Strength - ASTM D412	2350 psi
Elongation - ASTM D412	320 %

RECOMMENDED HANDLING INSTRUCTIONS

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

IsoCoat NLN 7063 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: 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 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 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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- 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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