



NR-2S

SPRAYABLE POLYURETHANE

NR-2S solvent based two component Polyurethane coating that has a soft durometer of 45A and is extremely adaptable utilizing additives to find unique solutions while using inexpensive simple to use equipment. Easily applied using standard airless or conventional spray equipment as well by brush or roller. A premium grade rubber like elastomer suitable for high sliding abrasion resistance or where high friction values are required.



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The direction for the use of our products is based upon tests believed to be reliable but no warranty is given. Since conditions for the use of this product are beyond the Seller's control, all risks are assumed by the user. Please Contact your local Agent or Call Normac Inc. (905) 332 6455 for further assistance.

KEY BENEFITS:

- **Seamless monolithic** • **No MDA**
- **Additives – colour, UV stabilizer, anti-static**
- **Thin film applications** • **Extended recoat window**

TECHNICAL DATA:

Prepolymer: TDI Polyether

Solids: 61.61%

Flash Point: None

Hardness Shore A: 45 +/-5

Colour: Standard, custom colours available

Shelf Life: 2 years unopened

Storage: 23°C/73°F, dry away from sunlight

Tensile Strength: ASTM D412 ~ 9.65 MPa (1400 psi)

Elongation: ASTM D412 ~ 799%

Tear Strength: ASTM D624 Die C ~ 81.61 kN/m (466 lb-in)

Taber Abrasion 1kg, 1000cy, H18: ASTM D4060-19 ~ 70 mg loss

Operating Temperatures: -56°C (-70°F) to 93°C (200°F)

Vapor Transmission: ASTM E96-80 ~ < 0.10

Theoretical Coverage: 20.94 sqm @ 25 micron/kg (102.2 sqft @ .001"/lb)

Transportation: DGR

APPLICATION DATA (23°C / 73°F)

Mix Ratio: 100A: 10B by weight.

Temperature: 7°C to 40°C (45°F to 104°F)

Dilution: Dichloromethane, Methyl Ethyl Ketone

Working Time: >1 hour

Tack free: 1 hour

Recoat Time: 15 min, maximum 72 hours

Light duty service: 24 hours

Ultimate cure: 5 days

Clean up: Non-oil-based solvent

SURFACE PREPARATION:

Grit-blast using standard SSPC-SPI0 near white including minimum 50 micron (0.002") angular depth profile for maximum adhesion or mechanically roughen using standard SSPC-SPI1 to achieve desired adhesion strength. Primers must always be used.

Primers: NP-9500: Metal or Polyurethane

NP-9600: Metal immersion service with NP-9500.

NP-100: Concrete.

AVAILABLE KIT SIZES:

1 kg, 4.4 kg, 22 kg, 264 kg

SAFETY:

See the NORMAC NR-2S product SDS. Strict adherence to regional safety regulations must be practiced.