

Description

Republic N-111 is a one-component, air curing Liquid Neoprene Coating.

Uses

N-111 Liquid Neoprene Coating is used in conjunction with the Neocablewrap System. N-111 is applied over the prepared cable in two coats. Each coat is applied at the rate of 1½ gallons sq. ft.

Advantages

N-111 exhibit good resistance to weathering, providing outstanding performance in outdoor applications. Excellent physical properties allow N-111 to provide reliable corrosion and abrasion protection, even in harsh environments.

N-111 performs well in temperatures from -40°F to +200°F for an extended service temperature range.

Surface Preparation

Primer application shall be with rollers or spray equipment. Metal surfaces require a special primer. For lead, copper, aluminum and stainless steel use Republic N-15 Primer. For clean carbon steel and galvanized steel that has been surface treated use Republic N-11 Primer.

Application Instructions

BASE COATS: Neoprene shall be applied in 2 uniform coats. Neoprene shall be stirred or mixed to a uniform consistency just prior to application. Use roller application to apply the N-111.

The second Neoprene coat should be applied as soon as possible following a tack-free cure of the first base coat.

Coverage for each Neoprene coat shall be a minimum of 1½ gallons/square.

The prime coat and 2 base coats when applied to a smooth surface at the recommended rate should produce approximately 15 dry mils of coating.

Delays between the application of the final Neoprene coat and the Hypalon coats should be no more than 48 hours.

COLOR COATS: With N-111 as the base coat, Hypalon shall be applied at 1½ gallons per 100 square feet in 2 or more uniform applications. This will also produce a final system thickness of 18 to 20 mils.

Technical Information

Colors	N-111 Gray.
Application	Brush, roller.
Coverage	417-459 sq. ft./gallon/mil.
Thinner & Cleaner	N-450-1.
Primer	N-11 or N-15.
Storage Stability	1 yr. unopened @ 74°F (23°C) from date of manufacture.
Flash Point	80°F (27°C).
Tensile Strength	1,800 psi.
Elongation	550%.
Specific Gravity	1.1. (Gray).
Density	9.1 lbs./gal. (Gray).
Solids Content	40.5-41.2% (by weight). 26.0-28.6% (by volume).
Available In	1, 5, & 55 gallon containers.

Hypalon shall be applied to clean, dry Neoprene that has been exposed for 48 hours or less. Longer delays between the Neoprene and Hypalon applications may affect the adhesion of the Hypalon to the Neoprene. If the delay between the Neoprene and Hypalon applications exceeds 48 hours, the Neoprene surface must be solvent wiped with clean new solvent.

Each application of Hypalon shall follow the preceding Hypalon application as soon as it is suitable for foot traffic of the workmen without causing damage. Workmen shall wear clean, soft soled shoes during the entire application. The applicator shall protect the area from damage by other trades throughout the application and for a period of 72 hours after completion.

N-111

Liquid Neoprene Coating

The Republic Powdered Metals Coating & Lining Systems Philosophy

There are no short-cuts to success and no “cure-all” products in the corrosion protection business. A “system” approach is the only means to achieving long-term protection. Republic has the necessary primers, adhesives, sealants, and caulking compounds that are compatible with a wide variety of protective coatings and linings to provide a complete system of protection for abrasion, corrosion and chemical attack problems.

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