



RWSI POLYUREA MEMBRANE

Description

Rwsi polyurea membrane is a two-part, elastic, 100% solids, very fast curing polyurea spray applied membrane where exposure to high acidic and alkaline chemical concentrations are present. Rwsi polyurea membrane is for machine application only.

Uses

For waterproofing applications on steel and concrete. Typical uses include:

- Roof deck
- Primary & secondary containments
- Waste water treatment plants
- Fertilizer plants and transportation
- Mines and mining processes
- Ballast tanks
- Silage tanks and troughs
- Sludge digesters and water features

Features

- High acidic and alkaline chemical resistance
- High resistance to microbial waste
- Fast reactivity and cure time
- Almost immediate return-to-service time
- Applicable in temperatures from -15°C to 70°C
- Performs in constant temperatures from -30°C to 60°C
- 100% solids
- Crack-bridging properties

Technical Data

| | | |
|----------------------------|------------------------|-------------|
| Chemical Base | Polyurea | |
| Solid Content | > 99% | |
| Tensile Strength | > 20 N/mm ² | (JIS K6251) |
| Shore A Hardness | ~ 42 | (JIS K6253) |
| Elongation at Break | ~ 280% | (JIS K6251) |
| Tear Strength | ~ 75 N/mm ² | (JIS K6252) |

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