



naNo-Leak FC 111

Water-Based Silicone Waterproofing
Coating

Chemstuk Pty Ltd

Description

naNo-Leak FC 111 is a high-performance waterproofing coating based on advanced silicone water-based resin technology. It is designed to provide superior water repellency, breathability, and long-term protection for concrete and masonry surfaces.

Recommended Uses

- Concrete walls and facades
- Roof tiles and cement sheets
- Exterior masonry surfaces
- Waterproofing membranes
- Protective coating for porous substrates

Key Features

- Excellent water repellency
- Breathable coating (vapour permeable)
- UV resistant
- Eco-friendly and low VOC
- Easy application
- Suitable for Australian conditions

Physical Properties

Colour: Clear / Slight milky

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Finish: Matte / Natural

Solids by Volume: ~15%

Specific Gravity: ~1.0 kg/L

VOC: <100 g/L

Shelf Life: 12 months at 25°C

Application Conditions

Do not apply when relative humidity exceeds 80% or when the substrate temperature is less than 3°C above the dew point.

Application Method

Airless spray / Air spray / Brush / Roller

Thinner: Water (max 10–20%)

Cleaning: Water

Coverage

Approx. 5–8 m²/L depending on substrate porosity

Film Thickness

Dry Film Thickness: ~15–25 microns

Wet Film Thickness: ~80–120 microns

Drying Times (25°C)

Touch Dry: 30–60 minutes

Recoat: 2–4 hours

Full Cure: 24 hours

Surface Preparation

Surfaces must be clean, dry, and free from dust, grease, oil, and loose materials. Concrete should be sound and properly cured before application.

Storage

Store between 5°C and 35°C in a dry, shaded environment. Protect from freezing and contamination.

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