cemseal®
LOCAL EXPERTISE, GLOBAL STANDARD

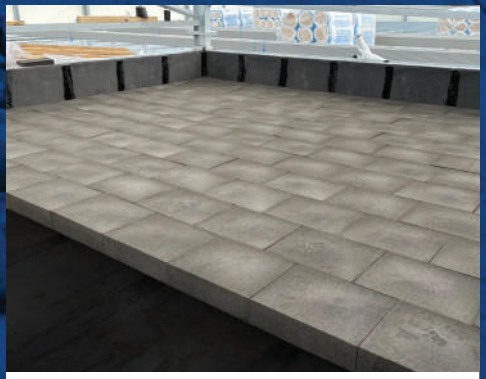
CEMSEAL PU-SC

Polyurethane Liquid-Applied Waterproofing Coating



Areas of Application


Flat Roofs


Inverted Roofs


Planters and Green Roofs

CEMSEAL PU-SC

Polyurethane Liquid-Applied Waterproofing Coating

Description

CEMSEAL PU-SC is a single-component, high solids content, pure polyurethane liquid-applied coating for concealed application. The coating has excellent tensile and elongation properties, excellent chemical resistance and is environmentally friendly.

Product Features

- **Root Resistant**
- **Chemical Resistant**
- **Seamless**
- **High Tensile Strength**

Technical Specification

Pack Size	*22 kg / 18 kg*
Colour	*Black*
Specific Gravity	*1.35 ± 0.05*
Solid Content	*95 ± 5%*
Service Temperature	*-20°C to 70°C*
Tensile Strength	*≥ 2.5 MPa*
Elongation at Break	*≥ 550%*
Water Vapour Transmission	*≥ 0.4 g/m²/hr*
Watertightness	*No leakage*
Adhesion to Concrete	*≥ 2.0 MPa*
Crack Bridging	*≥ 2 mm*
Shore Hardness	*50*
Chemical Resistance	*Passed (NaOCl, NH4OH, HCl)*
Root Penetration Resistance	*Passed*

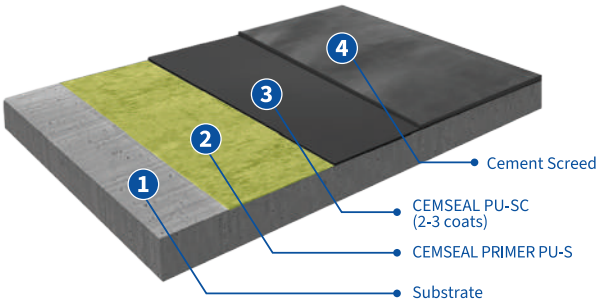
Application Method

1. Prepare Substrate
Clean, repair, and smooth surface. Fill joints and cracks.

2. Apply Primer
Use CEMSEAL PRIMER PU-S at 0.2–0.3 kg/m².

3. Apply Coating
Apply 2 or more coats by roller, brush, trowel, or spray. Each coat perpendicular to the last. Coverage: 1.3–1.4 kg/m² (1mm DFT) or 2.1–2.3 kg/m² (1.5mm DFT).

4. Curing
Allow touch dry in 6–24 hrs; full cure within 24–72 hrs (depending on temperature).



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