cemseal®
LOCAL EXPERTISE, GLOBAL STANDARD



CEMSEAL PU-SE HP

Polyurethane Liquid-Applied Waterproofing Coating

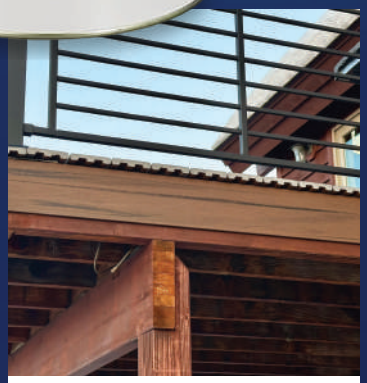


Areas of Application


Flat Roofs


Inverted Roofs


Free-Fall Roof


Exposed Decks

CEMSEAL PU-SE HP

Polyurethane Liquid-Applied Waterproofing Coating

Description

CEMSEAL PU-SE HP is a single-component, high solids content, high performance aliphatic pure polyurethane liquid-applied coating. The coating has excellent tensile and elongation properties, UV resistance and excellent chemical resistance.

Product Features

- **Seamless**
- **Foot Trafficable**
- **Chemical Resistant**
- **No Primer Required**
- **Aliphatic Polyurethane**
  (Do Not Require Topcoat)

Technical Specification

Pack Size	*20 kg*
Colour	*Grey (other colours on request)*
Specific Gravity	*1.40 ± 0.1*
Solid Content	*95 ± 5%*
Service Temperature	*-30°C to 70°C*
Tensile Strength	*≥ 4.0 MPa*
Elongation at Break	*≥ 800%*
Water Vapour Transmission	*≥ 0.7 g/m²/hr*
Watertightness	*No leakage*
Adhesion to Concrete	*≥ 2.5 MPa*
Crack Bridging	*≥ 2 mm*
Shore Hardness	*80*
Chemical Resistance	*Passed (NaOCl, NH4OH, HCl)*
Drying Time	*Touch dry: 6–12 hr, Full cure: 12–36 hr (depending on temp)*

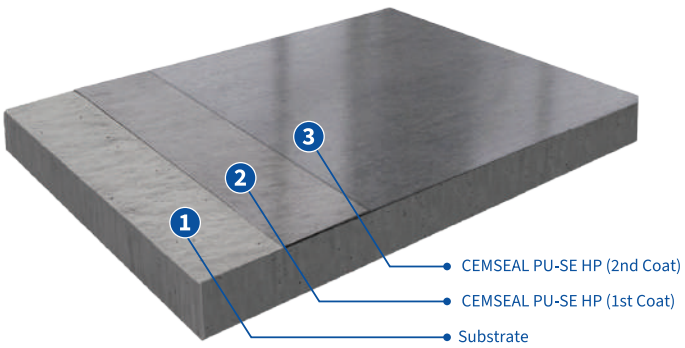
Application Method

1. Prepare Substrate
Clean, repair, and smooth surface. Ensure dry and free of dust/oil.

2. Apply Primer (If Required)
Apply CEMSEAL PRIMER PU-S at 0.2–0.3 kg/m² for porous substrates.

3. Apply Coating
CEMSEAL PU-SE HP can be applied with roller, brush, trowel or airless spray (at least 2 coats). Apply each coat perpendicular.

4. Curing
Allow touch dry in 6–12 hrs; full cure within 12–36 hrs (depending on conditions).



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