cemseal®
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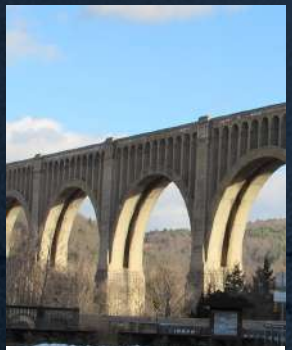
# CEMSEAL POLYUREA-H

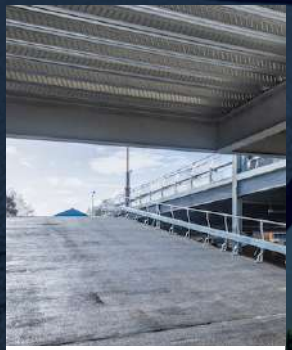
## Polyurea Hybrid Spray-Applied Waterproofing Coating




Areas of Application


Flat Roofs


Viaducts and Bridges


Car Park Decks and Driveways


Stadium Seating Floor Application


Green Roofs And Planters

# CEMSEAL POLYUREA-H

## Polyurea Hybrid Spray-Applied Waterproofing Coating

### Description

CEMSEAL POLYUREA-H is a solvent-free, fast-cure polyurea hybrid spray-applied coating. The coating has excellent tensile and elongation properties, abrasion resistance and excellent chemical resistance. The coating offers a wide range of applications as waterproofing, floor coating and protective coating.

### Product Features

- **Abrasion Resistant**
- **Root & Rhizome Resistant**
- **Moisture Tolerant**
- **Fast Cure, Quick Return to Service**
- **High Crack Bridging**
- **UV Resistant** (With POLYUREA TOPCOAT)

### Technical Specification

| | |
|---|---|
| **Pack Size** | *Part A: 210 kg / Part B: 200 kg* |
| **Colour** | *Grey / Green / Blue (other colours on request)* |
| **Service Temperature** | *-20°C to 70°C* |
| **Tensile Strength** | *≥ 18 N/mm²* |
| **Elongation at Break** | *≥ 480%* |
| **Watertightness** | *No leakage* |
| **Tear Strength** | *≥ 75 kN/m* |
| **Adhesion to Concrete** | *≥ 1.5 MPa* |
| **Crack Bridging** | *≥ 2 mm* |
| **Abrasion Resistance** | *≤ 100 mg* |

### Application Method

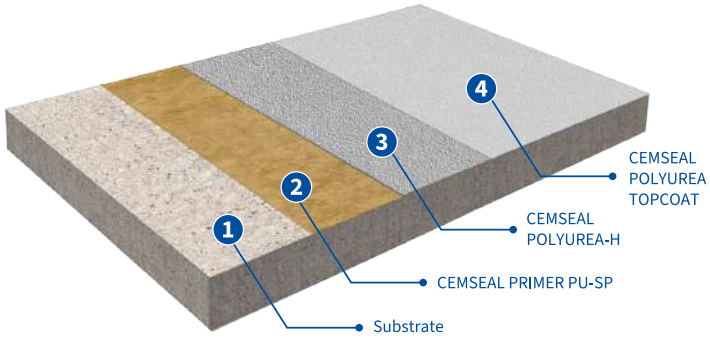
**1. Substrate Preparation**
Substrate must be clean, smooth, and sound. Repair cracks and defects.

**2. Apply Primer**
Apply CEMSEAL PRIMER PU-SP at 0.2–0.3 kg/m². Re-prime if left >24 hrs.

**3. Spray Coating**
Heat Part A & B to 65–70°C. Spray using hot plural machine. Apply to required thickness.

**4. Apply Topcoat**
For exposed areas, apply CEMSEAL POLYUREA TOPCOAT by roller, brush, or spray.

**5. Curing**
Touch dry in ~25–30 sec; full cure in ~30 min. Allow 12–24 hrs before traffic or load.




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