

CEMSPRAY 113

High performance spray-applied polyurea membrane

Description

CEMSPRAY 113 is a high performance, waterproof, seamless, spray applied, polyurea based elastomer membrane with excellent mechanical and chemical properties.

Applications

CEMSPRAY 113 is a 2 component, waterproof, elastic hot sprayed membrane with the following applications:

- Waterproof membrane for roofs, parking decks, bridge decks, water retaining structures
- Internal tank protection
- Chemical resistant coating
- Retention ponds

Advantage

- Strong
- High abrasion resistance
- High elasticity
- Seamless and waterproof
- High chemical resistance
- Fast curing (few seconds)
- Very good adhesion on concrete and metals.
- Vertical and horizontal applications

Surface Preparation

To be assured of maximum adhesion and properties from CEMART products the correct surface preparation is essential. Substrates should be mechanically prepared to remove all laitance, loose material and contamination by scabbling, grinding or vacuum enclosed shot blasting. Substrates should be free from oil and grease. Concrete substrates should be allowed to cure for a minimum of 28 days before preparation and have a relative humidity of 75% or below. Metal surfaces should be abraded and all rust and corrosion removed. Fungal growth should be treated with fungicide, washed thoroughly and dried. Cracks should be filled with a suitable mastic.

Priming

Prime surfaces with CEMPRIME 118 or CEMPRIME 121. Please consult our technical department for suitability.

Application Technique

CEMSPRAY 113 is hot sprayed with a 2 component high pressure pump. This sprayed coating has a very short reaction time so it is possible to spray horizontally, vertically and above the head. The coating can be applied from 1 mm thickness up to several centimetres.

Pack Size

50 and 450 kg units.

Technical Information

Mixing ration	1:1 (by volume)
Shear strength	40 N/mm
Peel strength	70 N/mm
Hardness	Shore A: 92 Shore D: 45
Tensile strength	21 MPa
Elongation at break	Approx. 400%
Abrasion resistance (Taber) CS-10 wheel, 1 kg load, 1000 cycles	- 26 mg loss.

Coverage

Approximately 1.05 kg/mm/m². Standard thickness of application is 2 mm.

Storage

Store in clean, dry conditions above 10 °C. Use within 6 months of purchase.

General Information

All information is given in good faith and without any warranty. The application, use and processing of these products are beyond our control and therefore entirely the user's responsibility. Established liability if any, through bad application or any other reason, for any damages, is always limited to the value of the goods supplied by Cemart UK Ltd.

Cemart UK LTD
the perfect finish starts here

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