

D - Seal C200

TECHNICAL DATA SHEET (TDS)



Ultra Flexible, polymer modified elastomeric waterproofing membrane for concrete and masonry surfaces

DESCRIPTION

D-Seal C200 is a two-component, polymer-modified cementitious waterproofing membrane that provides flexible, seamless and durable waterproof protection for concrete and masonry surfaces. It offers excellent adhesion, crack-bridging capability and water vapour permeability for internal and external applications.

RECOMMENDED USE

- Concrete and masonry waterproofing
- Water tanks and reservoirs
- Bathrooms and wet areas
- Terraces and balconies
- Basements and foundations
- Lift pits and sumps
- Bridge decks and concrete protection systems

FEATURES AND BENEFITS

- Excellent adhesion to concrete and masonry
- Flexible crack-bridging membrane
- Positive and negative waterproofing
- Water vapour permeable
- UV and weather resistant
- Easy brush or spray application
- Low VOC and non-toxic

PRODUCT INFORMATION

Pull off bond strength	≥1.0 MPa
Water Penetration (0.5kg/cm ²)	< 0.1mm
Crack Bridging	Up to 1.0 mm
Weather resistant	Suitable for exposed conditions
UV Resistance	Good
VOC	0.5 g/L
Working Time	45–60 min
Coverage @ 1 mm	~1.8 kg/m ²
Application Temperature	+8°C to +35°C
Packaging	21 kg set
Shelf Life	18 months

APPLICATION PROCEDURE

General

D-Seal C200 shall be applied in accordance with the recommended application guidelines by trained personnel.

Surface Preparation

Ensure the substrate is structurally sound, clean and free from dust, oil, grease, laitance and loose particles. Repair surface defects and pre-wet the substrate to a saturated surface dry (SSD) condition before application.

Mixing Procedure

Pour Part A (Liquid) into a clean mixing container and gradually add Part B (Powder). Mix using a slow-speed electric mixer for 3–5 minutes until a smooth, lump-free slurry is obtained. Allow the mixture to stand for 2–3 minutes, then remix briefly before use.

Application

Apply D-Seal C200 by brush, roller or spray in two coats, ensuring the second coat is applied at right angles to the first after it has hardened. Apply at the recommended coverage to achieve the specified dry film thickness.

Curing

Protect the applied coating from direct sunlight, rain and rapid drying. Allow adequate curing before exposing the membrane to water or subsequent finishes.

Cleaning

Clean tools and equipment with water immediately after use. Hardened material can only be removed mechanically.

Precautions

Wear suitable PPE during handling and application. Avoid contact with eyes and skin. Refer to the latest SDS/MSDS before use.

Statement of Responsibility (Disclaimer)

The technical information and application advice are based on present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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Ducon Polymer Flooring (DPF)

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