

Monoprufe DP

Cementitious damp proof membrane



Description

Monoprufe DP reduces the passage of water vapour and is applied before laying thin bonded screeds or proprietary levelling compounds onto suitable substrates.

By suppressing residual moisture in concrete floors the addition of Monoprufe DP permits the early installation of moisture sensitive floor finishes and thin bonded or standard unbonded screeds even when the relative humidity of the base concrete is in excess of 75%.

Uses

- Surface applied damp proof membrane to suppress residual moisture
- Effective dpm for application prior to the installation of screeds and proprietary levelling compounds

Key Performance Indicators

- ISAT value <0.015 at 120 mins
- Bond strength to substrate >0.8 MPa

Benefits

- Water-based
- Reduces project time
- Reduces water vapour permeability
- Can be applied to substrates with 99% RH
- Easy to use
- One coat application when applying Ronafix or other Ronacrete polymer modified screeds
- Low VOC
- Can contribute to LEED certification

Project References Include

- Bookers Distribution
- Northumbria Police Authority
- United Glass
- Tilbury Power Station
- Oxford University



Specification Clause

The damp proof membrane shall be Monoprufe DP by Ronacrete (Far East) Ltd, tel. (852) 2865 5872. Apply in accordance with manufacturers instructions.

Technical Data

ISAT (ml/m ² /s)	0.057	At 10 mins
	0.050	At 30 mins
	0.032	At 60 mins
	0.014	At 120 mins
Bond strength	>0.8MPa	At 28 days
Coverage	1 kg	Per m ² per coat; apply 2 coats

Packaging

Monoprufe DP is supplied in 25kg pack.

Application

Preparation

Thoroughly prepare all surfaces removing oil, grease, chemical contamination, loose and friable material, curing agents and laitance. Soak dry surfaces with clean fresh water and remove excess; do not allow to pond.

Mixing

Pour all of the liquid component into a clean dry mixing container and mix using a slow speed drill fitted with a paddle. Slowly add the powder component into the liquid and continue to mix. When all of the powder has been added, increase the mixing speed and continue to mix to produce a lump free slurry.

Installation

Spray, roller or brush apply Monoprufe DP in two coats. The second coat should be applied at right angles to the first and after the first coat has cured for 2-4 hours.

Precautions

Avoid application in strong direct sunlight or drying winds. Observe material pot life and do not re-work or add water.

Shelf Life and Storage

Shelf life 9 months. Store in a cool dry place.

Health and Safety

Non-hazardous. Protective clothing such as goggles, overalls and gloves is recommended to prevent any effect from prolonged skin contact, inhalation or ingestion. Refer to Health and Safety Data Sheet.

Technical Service and Support

Ronacrete provide free technical advice and support during design and installation of all systems for flooring, concrete repair, bonding, bedding and waterproofing. If you need any further information including method statement or additional technical data, contact the Ronacrete Technical Department on (852) 2866 4365 or visit our web site www.ronacrete.com.hk.

Guarantee

Ronacrete products are guaranteed fit for purpose and of merchantable quality.

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