



Monoprufe RTU 201

Cold Applied Modified Polyurethane Waterproofing Membrane

Description

Monoprufe RTU 201 is a highly versatile single component water based polyurethane waterproofing membrane with high elasticity and a high technical performance.

Suitable for application onto almost any surface such as damp or dry concrete, stone, metal, asphalt or wood. Monoprufe RTU 201 is easy to apply and has a long pot life making it ideal for use on large areas with complicated detail such as behind curtain walls and cladding systems.



Benefits

- ❑ Cold applied, seamless & easy to apply to large areas and complicated detail
- ❑ Excellent versatility – will bond to almost anything
- ❑ Excellent waterproofing
- ❑ Excellent elasticity
- ❑ Suitable for constant immersion
- ❑ Can be applied to a damp surface
- ❑ Solvent free

Uses

- ❑ Behind cladding & curtain walls
- ❑ Basements and retaining walls
- ❑ Covered areas with complicated detail

Key Performance Indicators

- ❑ Elasticity up to 600%
- ❑ Tensile strength >2.0 MPa
- ❑ Typical bond performance ~1.0 MPa
- ❑ Tear strength >10N/mm



Specification Clause

The Covered Area Waterproofing System shall be Monoprufe RTU 201 by Ronacrete (Far East) Limited, tel. (852) 2865 5872. All materials to be applied strictly in accordance with manufacturer's instructions.

Technical Data (at 25°C, *results influenced by coating thickness)

Coverage	0.85 - 1kg/m ² per coat	Tear Strength	>10 N/mm
Pot Life	8 hours once open	Tensile Strength	>2.0 MPa
Touch Dry	*4 hours	Bond Strength	~1.0 MPa
Recoat Time	*3 hours	Elongation	up to 600%
Full Cure	*7 Days		

Packaging

Supplied in 25 kg drum

Application (Please Refer to the Method Statement and MSDS)

Preparation

Monoprufe RTU 201 can be applied onto most sound, clean surfaces. Poor, loose or heavily textured surfaces may benefit from a primer of Monoprufe RTU 201 diluted 1:3 with clean water. Apply at a rate of 0.3kg/m² and allowed to dry until tacky before applying the Monoprufe RTU 201 proper.

Mixing

Monoprufe RTU 201 is supplied premixed and should not require any mixing. If a smoother mix is required, such as when applying onto a warm or heavily textured substrate then up to 1kg water may be added to 10kg of Monoprufe RTU 201. Mixing should be done with a slow speed stirrer until the resin is homogeneous.

Detailing Coat

For joints and intersections Ronacrete strongly recommend an additional and isolated coat of Monoprufe RTU 201 at the problem areas. This may be reinforced by embedding Monoprufe Fabric strips into the wet material.

First & Second Coat

Apply by brush or squeegee & roller. Aim to apply more than 0.85 kg per m². Do not exceed 1kg/m² per application.

Curing

Curing time will depend on the ambient conditions but if possible the surface should be left undisturbed at least until the next day.

Coverage

A typical two coat application will require 1.7 - 2kg producing a dry membrane thickness of around 1.5mm.

Shelf Life and Storage

Monoprufe RTU 201 should be stored at temperatures between 10°C and 30°C. Shelf life is 12 months.

Health and Safety

Monoprufe RTU 201 has a slight odour and is non-hazardous but avoid splashing onto skin and in eyes. Wash any splashes off with water as soon as possible. Rubber gloves and eye shields may be worn.

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 sheet, 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.

Ref. : RFE-DS273 Issue 2 21.01.2016

SIKA HONGKONG LTD

Rm. 1507-12, 15/F, Block A,
New Trade Plaza,
6 On Ping Street,
Shatin, N.T., Hong Kong.

Contact

Tel : +852 2686 8108
Fax : +852 2645 3671
E-mail : marketing@hk.sika.com
www.sika.com.hk