



# PACTOProof RBL 10

Polymer Modified Liquid Bitumen Waterproof Membrane

## DESCRIPTION

**PACTOProof RBL 10** is a polymer modified bitumen emulsion. The product is a thixotropic liquid which, when applied, will provide a continuous flexible waterproofing and damp proofing membrane.

## TYPICAL USES

To provide waterproofing membrane to building and civil engineering structures. It is particularly suitable:

- For waterproofing ground and floor slabs where multiple pipe entries may make the use of sheet membrane difficult
- For waterproofing kitchen and bathroom floors and other floors in wet area
- For protection of concrete structures where the bridging of fine cracks is important
- For repairing fine cracks in bituminous asphaltic pavements
- As a curing compound on freshly cast concrete structures.
- Protective coating for interior and exterior floor and walls
- Protective coating on concrete footing & tie beam

## ADVANTAGES

- Excellent adhesion to most building substrates
- Excellent application characteristics
- Resistant to chlorides, sulphates and other ground salts
- Flexible crack bridging properties
- Can be applied to green concrete
- Cures and seals in single operation
- Non-hazardous

## TECHNICAL DATA

<b>Color</b>	Brown Liquid Black film on drying
<b>Solids Content</b>	45% ± 5%
<b>Specific Gravity</b>	1.02 ± 0.02
<b>Drying time</b>	60 minutes
<b>Rubber Content in the dry film</b>	10%
<b>Flash Point</b>	Non Flammable

**Adhesion to Concrete**

Excellent

**Service Temperature**

5 °C – 85 °C

**Application Temperature**

5 °C – 45 °C

## STANDARD

ASTM D 1227 Type III, Class 1

## APPLICATION

### Preparation

All surfaces must be clean, dust and frost free to expose a sound clean substrate. **PACTOProof RBL 10** may be used on damp surfaces such as green concrete providing there is no standing water.

### Priming

All Porous surfaces should be primed with a coat of a mix of **PACTOProof RBL 10** and clean portable grade water. The mix ratio of 1 part **PACTOProof RBL 10** to 1 part water should be used. Metal Surfaces must be dry and primed with **PACTOProof Primer** or a solvented primer complying with ASTM D41.

### Application

Apply the primer coat and allow this to dry completely. Apply by brush or squeegee. A two coat application is desirable to avoid holidays in the membrane film.

When **PACTOproof RBL 10** is used as a sandwich membrane between slabs the final coat may be blinded with clean dry sharp sand passing through a 3mm sieve.

**PACTOProof RBL 10** should not be applied during rain or at the time of imminent rain.

## EQUIPMENT CLEANING

**PACTOProof RBL 10** may be removed from tools and equipment with water when wet. On drying, **PACTOProof RBL 10** may be removed with PACTOPROOF Cleaning Fluid, white spirit or kerosene.



### PACKAGING AND YIELD

**PACTOPROOF RBL 10** is supplied in 25 litre tins and 200 litre drums. **PACTOPROOF RBL 10** should be applied at the rate of 2m<sup>2</sup>/litre per coat, which will give a typical film thickness of 0.6mm – 0.65mm

**PACTOPROOF Primer** is supplied in 15 litre tins and 200 litre drums. Coverage (On steel surfaces 10m<sup>2</sup>/litre on porous surfaces 3-6m<sup>2</sup>/litre).

### STORAGE AND SHELF LIFE

To maintain a shelf life of 12 months, **PACTOPROOF RBL 10** should be stored away from direct sunlight between 5°C and 45°C in the original sealed containers.

### PACTOPROOF Primer

To maintain a shelf life of 12 months store in original sealed containers. The primer should be stored as a highly flammable liquid.

### HEALTH AND SAFETY

There are no known health hazards associated with **PACTOPROOF RBL 10** in normal use.

### FLASHPOINT

**PACTOPROOF Primer** 28°C



**P.O. Box** no 282 676 Dubai-UAE  
**Tel:** +971 4 885 0 886  
**Fax:** +971 4 885 0 887  
**Visit us:** [www.pactechnologies.ae](http://www.pactechnologies.ae)

**Important Note:** Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, as the conditions of any labor involved in the application is beyond our control. PAC Technologies shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of this product. It is the responsibility of the user to ensure that the product meets his particular requirements and to use it in a suitable way. Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local PAC Technologies representative.

REV. 5 – April 2014