



PACTOProof RBL 535

Polymer Modified Bitumen Damp and Waterproof Membrane

DESCRIPTION

PACTOProof RBL 535 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

PACTOProof RBL 535 provides waterproofing membrane to building and civil engineering structures in situation such as:

- Waterproofing ground and floor slabs where multiple pipe entries may make the use of sheet membrane difficult
- Waterproofing kitchen, bathroom and other wet area floors (Consult **PAC Technical Department** for specific uses)
- Protection of concrete structures where the bridging of fine cracks is important
- Repairing fine cracks in bituminous asphaltic pavements
- Provides an effective curing membrane when applied to green concrete.

ADVANTAGES

- Excellent adhesion to most building substrates
- Resistant to chlorides, sulphates and other ground salts
- Flexible crack bridging properties
- Can be applied to green concrete

RELEVANT STANDARDS

Specification for Road and Bridgeworks DOE clause 2006 (S) Waterproofing for Structures

BS 8102: 1990 "Protection of Building against water from the ground"

DOE Advisory Leaflet No. 23 "Damp Proof Courses"
Building Research Station Digest No. 54 "Damp Proofing Solid Floors"

TECHNICAL DATA

Typical results @ 20°C

Specific Gravity	0.98 ± 0.02
Solid Content	35% +/- 3%
Rubber Content	5% approximately
Viscosity	4,000-6,000 cps
Drying time	4-6 hours. Allow 24hrs between coats

APPLICATION

Preparation

It is essential that adequate preparation is carried out prior to the application of **PACTOProof RBL 535**.

The substrates must be clean and completely free from contaminants, including grease, oil and loose material. Any repairs should be carried out using a **PACTORep** cementitious repair mortar.

PACTOProof RBL 535 may be used on damp surfaces such as green concrete, providing there is no standing water.

Priming

To ensure the bond between the substrate and **PACTOProof RBL 535** we would recommend the following priming applications.

Metal Surfaces must be dry and primed with **PACTOProof Primer** or a solvented primer complying with ASTM D41. Porous surfaces may be primed with a coat of a mix **PACTOProof RBL 535** and clean potable grade water. The mix ratio should be 1 part of **PACTOProof RBL 535** to 1 part water.

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

PACTOPProof RBL 535 should not be applied during rain or at the time of imminent rain.

EQUIPMENT CLEANING

Tools and equipment should be cleaned immediately using water. On curing, the material can be removed with PACTOTop Cleaning Fluid.

PACKAGING AND YIELD

PACTOPProof RBL 535 is supplied in 20 litre tins and 200 litre drums. Coverage (1m²/litre will give a dry film thickness of 0.6mm approximately)

PACTOPProof Primer is supplied in 15 litre tins and 200 litre drums. Coverage (On steel surfaces 10m²/litre on porous surfaces 3-6m²/litre).

APPLICATION TEMPERATURE RANGE

Minimum 5°C
Maximum 50°C

ANCILLARY MATERIALS

PACTOPROOF Primer

Flashpoint	28°C
Density	0.91
Application temperature	5°C - 45°C

STORAGE AND SHELF LIFE

When stored in a cool environment in original unopened containers, the above materials have a shelf life of 12 months.

HEALTH AND SAFETY

There are no known health hazards associated with **PACTOPProof RBL 535** in normal use.

PACTOPProof Primer is a highly flammable liquid. Keep away from sources of ignition. Harmful by inhalation of vapour. Wear gloves and eye protection. Keep away from flame.



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