



Block Water Ingress in Concrete and Masonry Walls & Floors

PRODUCT DESCRIPTION

PureBloc is a water-based crystallization product which is designed to block moisture transmission in concrete and masonry structures.

- ⇒ Provides a permanent solution to water ingress
- ⇒ Water & Vapour movement stopped within 24hrs
- ⇒ Resists constant hydrostatic pressure
- ⇒ Penetrates deep into the structure via capillary action
- ⇒ Hydrophilic (water-loving) and Hygroscopic (water-holding) crystals active in the presence of water
- ⇒ Does not alter the surface appearance and can be over-coated after application. Allows a wet substrate to be quickly dried out with minimum costs
- ⇒ Can be used to prevent any future water ingress problems
- ⇒ Internal and external application
- ⇒ Crystals de-activate in dry conditions and re-activate in wet conditions

TECHNICAL DATA

- ⇒ Invisible once dry
- ⇒ Vapour permeable in dry conditions
- ⇒ Non-hazardous and non-toxic water borne product
- ⇒ Solvent and silicone-free
- ⇒ Fully biodegradable
- ⇒ UV-resistant
- ⇒ Colour: Clear
- ⇒ Odour: None
- ⇒ Principle constituents: Crystals
- ⇒ Consistency: Low viscosity liquid
- ⇒ Combustibility: Non-combustible

AREAS OF USE

- Walls & Floors in Car Parks
- Retaining walls
- Concrete floors
- Tunnels
- Reservoirs and Waterways
- Internal & external surfaces
- Walkways
- Foundations & Slabs
- Swimming Pools
- Cellar Walls



Stop water ingress within hours



PACKAGING

5L, 25L, 200L and 1000L containers



CHEMICAL PROPERTIES

Silica crystals in an aqueous solution

PERFORMANCE

Permanent

APPLICATION INSTRUCTIONS

- ⇒ Methods of Application: Spray, roll or brush.
- ⇒ Tools Needed: Sprayer, roller or brush.
- ⇒ Surface Preparation: Surface must be clean, and free of paint, sealer, oil, adhesive, curing compound, form release agent and/or anything that will not allow **PureBloc** to penetrate the substrate.
- ⇒ Areas which require cleaning must be cleaned by scrubbing, pressure washing or other methods to remove any surface dust, dirt or other contaminants.
- ⇒ **PureBloc** may be applied to damp surfaces as long as no standing water or puddles are present.
- ⇒ Heavy contaminated areas must be cleaned using **Rocan Products** range of **PureKleen** surface cleaners.

1. Apply the first coat of **PureBloc** at a rate of 5 m² /L. The concrete or masonry substrate must remain wet with **PureBloc** for at least 30 minutes.

2. After the concrete or masonry substrate is dry (normally 1 to 2 hours at 20°C), apply the second coat of **PureBloc** at a rate of 10m²/L making sure that substrate is wet for 30 minutes.

3. Allow the surface to completely dry for at least 24 hours. During the drying stage, good circulation of air is needed.

4. Once the moisture contents drops to a reading within the required limits specified by the end user or the floor covering manufacturer, the substrate must be cleaned to remove any surface crystals or efflorescence materials that might be pushed to the surface as a result of the treatment. Cleaning can be done by any method you may find suitable such as mopping, flushing with water, etc.

COVERAGE RATE

Minimum of two coats recommended. Overall, approx. 3-4 m² per litre of **PureBloc**. Coverage depends on the temperature and porosity of the concrete.

LIMITATIONS

Do not apply **PureBloc** in the following cases:

- When temperature falls below 5°C.
- To areas previously treated with curing or sealing agents unless these coating have been removed by chemical or mechanical means.
- Do not use or allow it to come into contact with aluminium or glass. Crystallization will occur on surface. **If contact occurs, immediately wash off with water.**
- Do not use on glazed tiles or glazed bricks. Crystallization will occur on surface. **If contact occurs, immediately wash off with water.**

EQUIPMENT CLEANING

Clean tools and equipment immediately after use with water

STORAGE & SHELF LIFE

Store away from frost and heat in a dry place: temperature between 5 °C and 30 °C. Shelf life is 24 months from the production batch date when kept in the original unopened container .

APPROVED CONTRACTORS

Approved Contractor training in product application is available upon request. Please contact **Rocan Products Ltd** for further details.

HEALTH & SAFETY

See Material Safety Data Sheet before use.

KEEP OUT OF THE REACH OF CHILDREN & ANIMALS

Important: The content of this documentation is based on our experience of the product. Rocan Products Ltd guarantees the quality of its products, but expressly declines any liability in the event of failure by the user to comply with the recommendations and conditions of use of said products, notably but not exclusively in the event of incorrect application, application by unqualified personnel, use of products not compatible with Rocan's products or bad weather conditions. For further information, refer to the safety data sheet.

ROCAN PRODUCT CODE: B-001

Date of last update: 10.04.18



www.rocan.co.uk — Tel: 01256-211278—sales@rocan.co.uk

Rocan Products Ltd, Treetops, 1 Foscombe Rise, Banbury, Oxon. OX16 9XS

Company No 8933542 Registered in England & Wales

