

Description

Centrecoat Moisture Blocker is a water based crystallization product which is designed to block moisture transmission in concrete and masonry structures.

Centrecoat Moisture Blocker provides a permanent solution to water ingress. After application, water and vapour movement stops within 24 hours. Centrecoat Moisture Blocker holds from hydrophilic (water-loving) and hygroscopic (water holding) crystals active in the presence of water. These crystals deactivate in dry conditions and reactive in wet conditions.

Ideal for use on walls and floors in car parks, concrete floors, reservoirs and waterways. Also suitable for internal and external surfaces, foundations and slabs, cellar walls, retaining walls, tunnels, walkways and swimming pools.

Benefits

- ▶ Resists constant hydrostatic pressure
- ▶ Does not alter the surface appearance
- ▶ Can be overcoated after application
- ▶ Allows a wet substrate to be quickly dried out with minimum costs
- ▶ Can be used to prevent any future water ingress problems
- ▶ Invisible when dry
- ▶ UV resistant

Preparation

Surface must be clean and free from paint, sealer, oil, adhesive, curing compound, form release agent and/or anything that will not allow Moisture Blocker to penetrate the substrate. Clean via scrubbing, pressure washing or other methods to remove any surface dust, dirt or other contaminants.

Application

Apply the first coat of Centrecoat Moisture Blocker at a rate of 5 m² per litre. The concrete or masonry substrate must remain wet with Centrecoat Moisture Blocker for at least 30 minutes. After the concrete or masonry substrate is dry (normally 1 to 2 hours at 20°C), apply the second coat of Centrecoat Moisture Blocker at a rate of 10m²/L making sure that substrate is wet for 30 minutes.

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

Technical Data

- ▶ Vapour permeable in dry conditions
- ▶ Non hazardous
- ▶ Non toxic water borne product
- ▶ Solvent and silicone free
- ▶ Fully biodegradable
- ▶ Colour: Clear
- ▶ Odour: None
- ▶ Consistency: Low viscosity liquid
- ▶ Non combustible

Coverage

Approx 3-4 m² per litre. Minimum of two coats recommended. Coverage depends on the temperature and porosity of the concrete.

Clean Up

Clean tools and equipment immediately after use with water.

Storage

Store away from frost and heat in a dry place at temperatures between 5°C and 30°C.

Shelf Life

24 months from the production batch date when kept in the original unopened container.

Packaging

Available in 5 Litres.

Limitations

Do not apply Centrecoat Moisture Blocker when the temperature falls below 5°C. Do not apply 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 the surface, If contact occurs, immediately wash off with water.

Do not use on glazed tiles or glazed bricks. Crystallization will occur on the surface, If contact occurs, immediately wash off with water.