REGUPOL barrier 99-201
Moisture Vapour Suppressant

CMSDANSKIN ACOUSTICS

Technical Data Sheet

PRODUCT DESCRIPTION

REGUPOL barrier 99-201 is a ready-for-use, one part, water-based moisture vapour suppressant and DPM.

FEATURES and BENEFITS

- Designed to work as a DPM/moisture vapour suppressant prior to the application of a full coverage of REGUPOL adhesive 46-101.
- Water based. Low VOC.
- Easy to apply - generally primer less* application and single component. No mixing required.
- Suitable for heated concrete and sand cement screeds (provided the surface temperature does not exceed 27°C in accordance with BS 8203 and BS 5325).
- Extremely fast drying - as quick as 30 minutes, depending on environmental conditions.
- Colour change technology to demonstrate when the product is ready for adhesive application.
- High bond strength to subfloors and to Acoustic adhesive.

APPLICATIONS

When used as directed, the product is a surface moisture vapour suppressant developed to suppress residual construction moisture and rising damp in cementitious subfloors including power floated concrete and sand/cement screeds. Consideration should be given to the fact that if a self-levelling compound is required it will be below the DPM layer and should be suitable for this environment. Do not lay self-levelling compound over REGUPOL barrier 99-201.

REGUPOL barrier 99-201 is designed to work with a full surface coating of REGUPOL adhesive 46-101 as part of the installation of acoustic flooring systems.

Not recommended for application onto Gypsum based screeds, Anhydrite (calcium sulphate), bitumen or resin subfloors.

* Floors which are dusty, or excessively dry must be treated with a suitable primer before using REGUPOL barrier 99-201.

TECHNICAL DATA

Colour	White emulsion when wet. Blue/grey on application. Translucent when dry.
Packaging	5 litre plastic bottle
Composition	DPM is a modified synthetic polymer emulsion
Performance	Cure time (at 20°C) @ 1/2 hour
Coverage	@ 25m² per 5 litre unit
Cleaning	Clean immediately after use with water. Use white spirit if the product has dried.
Storage	Store between +50°C and +40°C in shaded dry conditions. Protect from frost.
Shelf Life	12 months when stored in its original unopened containers

USAGE GUIDELINES

Standards

All aspects of the installation must be in accordance with the requirements of BS 8204, BS 8203 (Installation of Resilient floorcoverings) or BS 5325 (Installation of Textile floorcoverings) and supplementary specifications and BS 8201.

Moisture Testing

(in accordance with British Standards 8203)

Hygrometer readings must be taken and recorded.

The sealing effect of concrete curing compounds and over-trowelled concrete will extend the time taken for the hygrometer to reach equilibrium.

Subfloor measurement readings of up to 97% RH (measurable) can be accommodated with the system of DPM and a full surface covering of REGUPOL adhesive 46-101. (97% RH equates to approx. 8.5% moisture content in sand/cement screed and 6% moisture content in concrete)

Conditioning

Condition the contents by storing for 24 hours at +15°C to +25°C as cooler temperatures will increase viscosity and make application more difficult. Higher temperatures will speed the chemical reaction and therefore reduce working pot life.

Preparation

Ensure the subfloor is clean, sound, surface dry and free from contaminants that may prevent adhesion. All dust and plaster deposits must be removed and vacuumed.

Remove all surface water. Highly polished surfaces or concrete containing a curing agent or surface hardener may require shot blasting.

Power floated concrete must be abraded or shot blasted to provide a good key for adhesion.

Priming

In most circumstances no priming is required.

For floors with excessively dry and absorbent surfaces, or floors that are dusty/burnt, a primer will be required. Always test a small area first to confirm suitability.

Application

Note: drying times are based on ambient conditions and will be slower in cold and/or wet conditions. Good ventilation is essential. Shake the bottle to mix contents immediately prior to use. Pour into a rectangular bucket or paint tray and apply with a medium pile roller. It is essential that a pin-hole free coating is achieved and to maintain a coverage rate of 5m² per litre per coat. (i.e. 5 litre unit covers 25m²). The overall dry film coating thickness should be a minimum of 150 microns. Do not over-apply. Always apply REGUPOL barrier 99-201 up the walls to a height of approx. two inches above floor level as a precaution. Allow to dry to a translucent film. At 20°C the drying time will be approximately 30 minutes, depending on the subfloor and other environmental conditions. Once dry, it is advisable to begin application of the REGUPOL adhesive 46-101 as soon as possible, to prevent surface contamination. Always apply the adhesive within 2 days after application.

HEALTH & SAFETY

Refer to the Safety Data Sheet and follow all precautions.

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