

# Technical Manual

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## CMS DANSKIN REGUPOL

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CMS DANSKIN REGUPOL

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## REGUPOL Adhesive 43-105, Acrylic Adhesive [RETURN TO CONTENTS](#)

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### OVERVIEW

REGUPOL Adhesive 43-105 is a SOLVENT FREE acrylic emulsion-based adhesive, for bonding many sound insulation materials to common sub-floors and many floor finishes either to the insulation, or direct to the sub-floor where an insulating layer is not required.

REGUPOL Adhesive 43-105 is suitable for use with The REGUPOL Barrier 99-201 and the Rapid Floor Binder where required.

This easy to spread adhesive, with a long open time, provides early tack and minimum slip, quickly building to a strong permanent bond. It is non-staining and has excellent resistance to plasticiser migration.

### USES

This adhesive with a very wide range of applications, can be used to install the following:

Hard/resilient floorcoverings: vinyl: linoleum, sheet, tiles, cushion and other vinyl backed floorcoverings including mineral felt backed vinyl. Carpets & carpet tiles: PVC backed, polyurethane foam backed and many other carpets and needle-punch/fibre-bonded carpets where a solvent free system is specified. Most REGUPOL sound deadening underlays, the REGUPOL Vibration Range, gymnasium materials, including interlaminar bonds in gymnasium build ups, and also REGUFOAM, can be used in conjunction with this adhesive.

The adhesive is suitable for use over underfloor heating at standard temperature ranges.

The underfloor heating should be turned off for 48 hours before and after the installation, and then brought back up to temperature gradually.

The adhesive is NOT suitable for use in areas of high solar gain (i.e., south facing large windows / patio doors and conservatories).

The installation temperature should be between 18°C and 25°C with a minimum floor temperature of 10°C.

### SUBFLOORS

Suitable subfloors include concrete, sand/cement screed, smoothing underlayment, latex, plyboard, flooring grade chipboard, hardboard, wood, cementitious particle board, and existing well bonded resilient flooring. NOTE: There are certain grades of floor that have been treated with paraffin wax to provide a waterproof quality. There are also other types floor boards in use that have been treated, e.g., moisture proofing, preservatives and fire retardants. These types of boards are not suitable with this adhesive. Please always check the floor board in use at each installation. Please contact the office for technical information. With existing well bonded resilient flooring care must be taken to ensure the subfloor under the resilient flooring is sound and the surface of the resilient flooring is thoroughly cleaned of any polish etc. If this cannot be done, the existing resilient flooring must be removed and the subfloor made good before proceeding.

### PREPARATION

All parts of the installation should comply with the latest edition of the following British Standard Code of Practice: BS 8203 The Installation of Resilient Floorcoverings or BS 5325 The Installation of Textile Floorcoverings. Another useful source of reference is The Contract Flooring Association (CFA) Guide to Contract Flooring. Subfloors must be sound, smooth, clean, dry and free from any contamination which will affect adhesion. Relative humidity of cementitious subfloors should be 75% or less (when tested by method described in BS 8203). Direct to earth bases must incorporate an effective damp proof membrane. Underfloor heating must be switched off for 48 hours before and after the installation. Very absorbent surfaces should be primed with Rapid Floor Binder.

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### APPLICATION

For best results a minimum temperature of 18°C (65°F) should be maintained for the installation.

An appropriate V notched trowel should be used to apply the adhesive evenly.

For vinyl and other smooth backed floorcoverings, a 1.5mm x 5.0mm or A2 trowel is recommended, whilst a 2.0mm x 6.0mm or B1 trowel should be selected for floorcoverings with a more profiled back. Trowels should be cleaned after use with water whilst the adhesive is still wet. Apply the adhesive evenly to an area of such a size that the floorcovering can be laid whilst the adhesive is receptive and gives good transfer. On absorbent surfaces lay the floorcovering immediately, or in the case of tiles, after 10-15 minutes (this reduces the slip). On non-absorbent surfaces allow the adhesive to develop a tack or, for sheet goods, employ a “double drop” technique to reduce the waiting time before laying.

If installing flooring with an accompanying acoustic underlayment, it is recommended that the adhesive bonding the underlayment to the subfloor should be allowed to cure before bonding the final floor finish to the underlayment, ideally the underlayment should be left overnight and the final floor finish applied the following day.

To reduce the effect of shadowing on some vinyl's, it is recommended that the adhesive is smoothed out whilst wet with a paint roller that has been pre-wetted with adhesive. Once installation area is laid, roll immediately in two directions (at right angles to each other) with a 68kg roller (on carpets use a weighted glider). This is to remove any trapped air and ensure good all-over adhesive contact. A second rolling (or gliding) is recommended approximately 1 hour later to ensure a strong bond is established.

### HEALTH & SAFETY

Refer to Safety Data Sheet and follow the advice given.

Ensure area of use is well ventilated.

Avoid prolonged contact with skin and if sensitive, use barrier cream or gloves.

In case of contact with eyes, mouth or nose, rinse with plenty of water and seek medical help.

If adhesive is spilled, remove and dispose of it in accordance with national and local regulations for waste materials.

### TECHNICAL

<b>Container Size</b>	15kg Plastic Buckets
<b>Type</b>	Acrylic Emulsion
<b>Colour</b>	Pale Blue
<b>Viscosity</b>	Approx. 45,000 cps at 20°C – trowel apply
<b>Coverage</b>	Between 3m <sup>2</sup> - 4m <sup>2</sup> per kg depending on trowel used and absorbency of subfloor
<b>Temperature Range</b>	Preferred +15°C to +35°C
<b>Open Time</b>	Up to 1 hour depending on temperature, humidity, subfloor porosity and trowel used
<b>Underfloor Heating</b>	Suitable for use with underfloor heating
<b>Storage</b>	Store between temperatures of 5°C and 30°C
<b>Shelf Life</b>	12 months in unopened containers, stored in recommended conditions
<b>Cleaning</b>	Tools should be cleaned with water whilst the adhesive is wet. Use hot water or Solvent Cleaner should the adhesive dry. Do not use on the skin

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### OVERVIEW

REGUPOL Adhesive 46-101 represents the very latest development in Hybrid Polymer technology and has been formulated to give the highest levels of performance in terms of bond strength, versatility across many combinations of materials, improved acoustic performance in acoustic installations, resistance to stresses, fast curing speed and ease and cleanliness of use.

Subjected to the most intensive testing and development process, REGUPOL Adhesive 46-101 represents the premium solution for bonding of acoustic flooring products and materials, by means of enhancing the acoustic performance of the entire system. It also represents the very best type of high-performance flexible adhesive for solid or engineered timber bonded directly to the subfloor.

When specifying an adhesive, consideration should be given to the environmental factors that a floor may be subjected to. REGUPOL Adhesive 46-101 meets the needs of demanding applications as it has excellent high and low temperature resistance, (+90°C to -40°C) which makes it suitable for underfloor heating, underfloor cooling and areas where floors may be exposed to temperature extremes such as being in direct sunlight. REGUPOL Adhesive 46-101 should always be specified where floors may be exposed to moisture or high humidity.

Designed specifically for use with the REGUPOL Barrier 99-201 sub-floor preparation product, the overall package is simply the best performing, fastest curing, lowest hazard system available.

Designed for full surface bonding of REGUPOL\* acoustic underlays to subfloors including concrete, chipboard, sand/cement screeds, fast setting screeds, anhydrite screeds, timber, cementitious particle board, bamboo and many other similar materials\*.

REGUPOL Adhesive 46-101 is also suitable for full surface bonding of most types of floor finishes to REGUPOL\* acoustic underlays, as well as parquet, solid and engineered timber, ceramic, porcelain, stone, marble, plywood, chipboard and many others.

REGUPOL Adhesive 46-101 is suitable for use with The REGUPOL Barrier 99-201 and the Rapid Floor Binder where required. REGUPOL Adhesive 46-101 is a single-component adhesive that self-cures to form an elastic and non-shrinkable adhesive layer. The adhesive itself is water resistant, but should never be used as a replacement for The REGUPOL Barrier 99-201 where one is required. The adhesive is specifically designed to accommodate the seasonal movement of most types of sub floors and floor finishes. The adhesive is suitable for the full REGUPOL range, and is suitable for all wood species according to the BS EN 13556. The adhesive is also suitable for the bonding of gymnasium materials. Where site conditions are deemed to be appropriate, it is acceptable to bond REGUPOL acoustic underlays to the subfloor using REGUPOL Adhesive 43-105 whilst using REGUPOL Adhesive 46-101 to bond the floor finish to the underlayment, with the exception of solid wood floor finishes where REGUPOL Adhesive 46-101 must be used throughout due to the stresses involved with seasonal movement of wood.

### SUBSTRATE

Before installation of the flooring, the substrate must be checked to ensure it is suitable and complies with all recommendations laid down by the flooring manufacturer. In accordance with BS 8201; check the moisture content through the entire thickness of the sub-floor with a carbide or electric hygrometer. The moisture content must be as recommended by the flooring manufacturer. REGUPOL Adhesive 46-101 should be applied to an even, dry, clean and smooth substrate which is free from irregularities and cracks (under 75% RH or to a floor that REGUPOL Barrier 99-201 has been applied up to a maximum level of 97% RH). Residues of old adhesive may affect the adhesion and must be removed mechanically. Loose or damaged surfaces must be repaired before application of adhesive. Dusty, 'burnt' or excessively dry surfaces must be treated with Rapid Floor Binder. See relevant section of the manual for details. Smooth surfaces such as anhydrite should be roughened and if not already done, surface laitance should be mechanically removed, except in cases where a second-generation product has been used and it is clearly identified that this is not necessary.

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### **SUBSTRATE – Cont.**

When installing a floor on top of marble, terrazzo or ceramic tiles, they must first be cleaned with caustic soda or another suitable cleaner. Once cleaned rinse the tiles thoroughly with plenty of clean water. Ensure the floor is completely dry before applying the REGUPOL Adhesive 46-101.

A preliminary compatibility test is recommended on every surface.

### **FLOORING**

The flooring must be acclimatized according to the manufacturer's instructions. All other parameters such as moisture and humidity levels, temperatures etc must in all cases be within the parameters specified by the flooring materials suppliers.

When laying wood, a gap of 2cm (or as recommended by the wood manufacturer) around the perimeter of the laid parquet, including any columns or structures which penetrate the floor.

### **APPLICATION**

When laying REGUPOL products, REGUPOL Adhesive 46-101 / REGUPOL Adhesive 43-105 should be used to bond REGUPOL acoustic underlays to subfloors by applying the adhesive to the subfloor and laying the underlay into the wet adhesive. The floor finish should be bonded to the REGUPOL by means of applying the REGUPOL Adhesive 46-101 onto the REGUPOL and laying the flooring finish onto the wet adhesive. When laying flooring directly to the subflooring the adhesive is applied to the subfloor and the flooring laid into the wet adhesive.

**Adhesive to sub-floor when using REGUPOL:** Adhesive must be allowed to reach room temperature before application. Apply the REGUPOL Adhesive 46-101 / REGUPOL Adhesive 43-105 adhesive to the surface by means of a B1 trowel at 45 degrees. Do not apply more than can be covered with REGUPOL or the flooring in 30 minutes. Place the REGUPOL or flooring into the adhesive layer and consolidate the bond by means of an appropriate roller. Adhesive should be allowed to cure for a minimum of at least 24 hours before accepting foot traffic or applying second layer. Once installation area is laid, roll immediately in two directions (at right angles to each other) with a 68kg roller. This is to remove any trapped air and ensure good all-over adhesive contact.

**Adhesive to REGUPOL:** Adhesive must be allowed to reach room temperature before application. Apply the REGUPOL Adhesive 46-101 to the surface of the REGUPOL by means of the notched trowels described above. Do not apply more than can be covered with the flooring in 30 minutes. Place the flooring into the adhesive layer and consolidate the bond by means of an appropriate roller. Adhesive should be allowed to cure for a minimum of at least 24 hours before accepting foot traffic. Once installation area is laid, roll immediately in two directions (at right angles to each other) with a 68kg roller (on carpets use a weighted glider). This is to remove any trapped air and ensure good all-over adhesive contact. It is recommended that the adhesive bonding the underlayment to the subfloor should be allowed to cure before bonding the final floor finish to the underlayment, ideally the underlayment should be left overnight and the final floor finish applied the following day.

**Laying flooring directly to sub-floor:** Using REGUPOL Adhesive 46-101 all above recommendations regarding applying adhesive should be followed, all instructions from wood flooring manufacturers regarding subfloor condition, general site conditions, storage of wood, underfloor heating / cooling, etc. must be followed. All recommendations contained within BS 8201:2011 – 12.4.6 should be followed. Slide the flooring onto the adhesive layer and tap into place or tamp down with a rubber hammer. A minimum of 80% coverage is required to ensure perfect adhesion. Loading the flooring with weights will improve final bond strength.

## REGUPOL Adhesive 46-101, Acoustic Adhesive **CONTINUED** [RETURN TO CONTENTS](#)

### HEALTH & SAFETY

Refer to the Safety Data Sheet and follow all precautions detailed below.

#### Precautions:

- Never install to substrates which are not protected against possible rising damp. To ensure adequate protection it is best practice and is recommended to use The REGUPOL 99-201 in all cases prior to laying the adhesive
- Do not apply the adhesive at temperatures below 15°C or above 25°C
- Minimum temperature of the substrate should be 15°C
- Avoid installation onto substrates where the moisture is outside of the floor covering manufacturers recommendations
- Never install wood which is too dry, (<7% moisture). This can expand at higher humidity and cause damage
- Do not install if the walls and ceiling of the area are not dry, e.g., after plaster, painting etc
- Do not dilute the adhesive
- Always mechanically remove any old adhesive residue before bonding
- Do not bond onto bitumen or other sub floor types that may leech oils, waxes, plasticisers etc, without first sealing the floor and isolating the adhesive from contamination, using a two-part epoxy floor sealer
- Under floor heating must be turned off for min 48 hours before application and not re-started for 48 hours after the adhesive has been applied
- Floor manufacturers recommendations to be followed regarding re-starting heating

### TECHNICAL

<b>Base</b>	Modified Silane Polymer
<b>Colour</b>	Straw
<b>Appearance</b>	Thixotropic paste
<b>Consistency</b>	Paste
<b>Labelling</b>	Solvent, water and isocyanate free
<b>Coverage</b>	Approx. 25-30M <sup>2</sup> per tub (B1 trowel at 45 degrees)
<b>Curing/drying</b>	Chemical self-curing – minimum of 12 hours for foot traffic, 24 hours before load-bearing or sanding/finishing. Up to 7 days where two impervious substrates are in use.
<b>Open/working time</b>	Approx. 30 minutes at 21°C and 50% RH. Product is tack-free after 60 mins
<b>Temperature Resistance</b>	-40°C – +90°C (+120°C for a short period) when cured
<b>Specific Gravity</b>	Approx. 1.6g/cm <sup>2</sup> Total Solids: 100% (solvent free)
<b>Tensile strength</b>	[N/mm <sup>2</sup> ] (ISO 37 DIN 53504)1.4
<b>Shear strength</b>	[N/mm <sup>2</sup> ] (wood-wood; DIN 14293) 1.6
<b>Tear strength</b>	[kN/m] (ISO 34-1) 0.51
<b>Application temperature [°C]</b>	from +5°C to +40°C, (subject to floor covering manufacturers recommendations)
<b>Cleaning</b>	Easily cleaned, when wet, from hands and tools with builder's wipes
<b>Shelf Life</b>	12 months in unopened packaging in a cool, dry place at between +5°C and +25°C

## REGUPOL Adhesive 46-101, Acoustic Adhesive **CONTINUED** [RETURN TO CONTENTS](#)

### TWO-PART SYSTEM

The above product, REGUPOL Adhesive 46-101, can also be used within a two-part extremely fast-curing system. This two-part system is particularly useful for application to impervious substrates, in scenarios where a building needs to be brought back into use within a rapid time frame, such as within a retail environment. Additional technical data relating to the REGUPOL Adhesive 46-101 two-part system is detailed below.

### TWO PART SYSTEM TECHNICAL DATA – COMPONENT PARTS

	REGUPOL Adhesive 46-101	Hardener
<b>Appearance</b>	Low viscosity paste	Liquid
<b>Colour</b>	Straw	Grey
<b>Density [g/cm<sup>3</sup>] (23°C and 50% RH)</b>	Approx. 1.5	Approx. 1.38
<b>Mixing ratio (volume)</b>	3.64	1
<b>Mixing ratio (weight)</b>	4	1

### TWO PART SYSTEM TECHNICAL DATA – MIXED PRODUCT

<b>Appearance</b>	Low viscosity paste
<b>Colour</b>	Grey
<b>Density [g/cm<sup>3</sup>]</b>	Approx. 1.48 (23°C and 50% RH)
<b>Pot life</b>	Approx. 50 [min] (23°C and 50% RH)
<b>Handling time</b>	Approx. 20 [min] (23°C and 50% RH)
<b>Initial Hardening time [h]</b>	Variable depending upon site conditions, approx. 3-4 hours until next layer can be applied.
<b>Final Hardening time [h]</b>	Approx. 24 (23°C and 50% RH)
<b>Hardness Shore A</b>	Approx. 30 (DIN 53505)
<b>Tensile strength [N/mm<sup>2</sup>]</b>	Approx. 1.7 (DIN 53504)
<b>Elastic modulus [N/mm<sup>2</sup>]</b>	Approx. 1.5 (DIN 53504)
<b>Elongation at break [%]</b>	Approx. 130 (DIN 53504)
<b>Application temperature [°C]</b>	From +5 to +40
<b>Temperature Resistance [°C]</b>	From -40 to +90



## Gun Applied Vertical Bonding Adhesive [RETURN TO CONTENTS](#)

### OVERVIEW AND APPLICATION

Gun Applied Vertical Bonding Adhesive is a high specification, 600ml foil gun/trowel applied product, designed for bonding REGUPOL Insulation Materials to vertical surfaces.

The very high 'green' strength and immediate grab characteristics of the product allow bonds to be made on vertical surfaces without mechanical support during the adhesive curing time.

Apply by means of a manual or pneumatic applicator. Cut the tip of sausage off and place into suitable cartridge gun. Cut off the top of nozzle flat to leave an 8mm opening. Cut a V shaped profile down into nozzle to a depth of approximately 10mm. Fix nozzle and place cartridge containing sausage in sealant gun. Hold gun at 90° and extrude out a triangular shaped bead, approx. 8mm wide and 10mm high at 250mm centers at right angles to the wall. Using a notched trowel, held at approx. 60°, with notches of approx. 6ml by 5ml, at 8ml intervals, spread the adhesive perpendicular to the beads to ensure full coverage of the surface.

One 600ml sausage will bond approximately 2m<sup>2</sup> of flooring when applied as directed.

- 100% active, solvent and water free
- Permanently flexible – compensates for varying temperatures
- Will bond REGUPOL and a wide range of other materials including glass, mineral fibre panels, polyurethane, melamine foams and plasticised PVC directly to all common substrates, plasterboard, timber sheeting, concrete etc.
- Odourless
- Excellent gap filling properties for uneven surfaces

Do not use, store or allow to cure below +5°C.

### SUBSTRATE

The surfaces to be glued must be sound, clean, dry and free from dust, grease and other contaminants.

### TECHNICAL

<b>Base</b>	Hybrid Polymer
<b>Specific Gravity</b>	1.53g/cm <sup>3</sup>
<b>Solvent content</b>	Nil
<b>Colour</b>	Buff
<b>Workability</b>	Good, and grooves remain after application
<b>Viscosity</b>	(HBDVII+/S70/10rpm) 250,000 – 300,000cps
<b>Tack free</b>	@ 30 mins at 23°C and 50% RH
<b>Chemical resistance</b>	Excellent
<b>Humidity and water resistance</b>	Excellent
<b>Typical Shear strength (wood/wood)</b>	>1.2N/mm <sup>2</sup> (24 hrs)
<b>Application temps</b>	+5°C to +30°C
<b>Temperature resistance</b>	-40°C to +80°C
<b>Complete cure</b>	36-48 hours
<b>Storage</b>	Store in cool, dry conditions between +5°C and +25°C Ensure good ventilation. Storage outside these parameters will dramatically reduce shelf life Opened foils must be closed airtight and used within 1 month
<b>Shelf life</b>	12 months from date of manufacture when stored as directed

## **REGUPOL Barrier 99-201, Moisture Vapour Suppressant** [RETURN TO CONTENTS](#)

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### **OVERVIEW**

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

### **USES**

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 as part of the installation of a variety of flooring systems, including as part of the installation of acoustic flooring systems, for ultimate performance.

Not recommended for application onto Gypsum based screeds, bitumen or resin subfloors. Technical advice should be sought prior to use over Anhydrite (calcium sulphate) screeds. Floors which are dusty, or excessively dry must be treated with a suitable primer (Rapid Floor Binder) before using REGUPOL Barrier 99-201.

### **KEY BENEFITS SUMMARY**

Designed to work as a DPM/moisture vapour suppressant prior to the application of a full coverage of REGUPOL Adhesive.

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.

### **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. (97% RH equates to approx. 8.5%MC in sand/cement screed and 6%MC 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.

## **REGUPOL Barrier 99-201, Moisture Vapour Suppressant** CONTINUED [RETURN TO CONTENTS](#)

### **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 (Rapid Floor Binder) 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 5 m<sup>2</sup> per kg per coat. (i.e., 5 kg unit covers 25m<sup>2</sup>). The overall dry film coating thickness should be a minimum of 150 microns. Do not over-apply. Always apply about 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 REGUPOL Adhesive 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.

### **TECHNICAL**

<b>Colour</b>	White emulsion when wet, becoming blue/grey on application, translucent when dry
<b>Packaging</b>	kg plastic jerricans
<b>Composition</b>	DPM is a modified synthetic polymer emulsion
<b>Performance</b>	(Typical Values) CURE TIME (at 20°C) Approximate 1/2 hour
<b>Coverage</b>	Approx. 25m <sup>2</sup> per 5 kg unit
<b>Cleaning</b>	Clean immediately after use with water or white spirit if the product has dried
<b>Storage</b>	Store between +5°C and +40°C in shaded dry conditions. Protect from frost
<b>Shelf Life</b>	12 months, min when stored in its original unopened containers

## Rapid Floor Binder Surface Primer [RETURN TO CONTENTS](#)

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### OVERVIEW

Rapid Floor Binder is a universal primer for porous substrates, it is always recommended to use this product when bonding onto cementitious boards.

### KEY BENEFITS SUMMARY

Removes the adverse effects of certain undesirable sub-floor characteristics that can interfere with the smooth application of REGUPOL Barrier 99-201, and REGUPOL Adhesive. An excessively dry or absorbent subfloor, or a dusty, 'burnt' surface are the main reasons to use Rapid Floor Binder.

### 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.

### PREPARATION

- Ensure all surfaces to be coated are clean, dry, frost free and free from grease, oil, dirt, dust, loose friable material and any other contaminants.
- Mechanical preparation, using an enclosed shotblasting machine, may be recommended and should be followed by thorough vacuuming to remove all surface dust.

### APPLICATION

Apply by brush or roller ensuring a continuous film, avoiding puddles and ensuring all the surface is coated. Provided surface preparation instructions are followed and surface laitance has been mechanically removed, Rapid Floor Binder is suitable for use on anhydrite sub-floors.

### HEALTH & SAFETY

Refer to the Safety Data Sheet and follow all precautions.

### TECHNICAL

<b>Colour</b>	White
<b>Packaging</b>	5 litres
<b>Composition</b>	Aqueous based co-polymer dispersion
<b>Characteristics (Typical Values)</b>	
<b>Density</b>	1.02 g/ml
<b>pH</b>	7-9
<b>Coverage Rate</b>	8 m <sup>2</sup> per litre depending on substrate.
<b>Storage</b>	Store in dry, shaded conditions between +5°C and +35°C
<b>Shelf Life</b>	6 months when stored as recommended in original unopened packaging

## **FURTHER INFORMATION**

Before using any products, the user should carry out any necessary tests in order to ensure the product is suitable for the intended application.

Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer

NOTE: The information in this manual is given in good faith and is based upon experience and experimentation. Because of the diversity of materials and substrates and the great number of possible applications which are outside of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended that the user carries out preliminary trials to ensure the suitability of the product for their intended use

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