

# REGUPOL adhesive 43-105

## Acrylic Adhesive

### Technical Data Sheet

#### PRODUCT DESCRIPTION

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 to the insulation.

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 Regufoam.

For the full range of applications please consult the CMS Danskin Acoustics Technical team. Suitable for use with underfloor heating systems.



#### TECHNICAL DATA

Container Size	15kg Plastic Buckets
Type	Acrylic Emulsion
Colour	Pale Blue
Viscosity	Approx. 45,000 cps at 20°C – trowel apply
Coverage	Between 3m <sup>2</sup> - 4m <sup>2</sup> per kg depending on trowel used and absorbency of subfloor
Open Time	Up to 1 hour based on temperature, humidity, subfloor porosity and trowel used
Storage	Store between temperatures of 5°C and 30°C
Shelf Life	12 months in unopened containers, stored in recommended conditions
Cleaning	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.

## SUBFLOORS

Suitable subfloors include concrete, sand/cement screed, smoothing underlayment including latex, plyboard, flooring grade chipboard, hardboard 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 floorboards 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 floorboard in use at each installation. 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 Floor Binder.

## APPLICATION

- For best results a minimum temperature of 18°C 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. 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 all precautions.
- 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.

