

RS Bateman Ltd - R40 Acrylic Adhesive

R40 is a **SOLVENT FREE** acrylic emulsion based adhesive. This easy to spread adhesive, with long open time, provides early tack and minimum slip, quickly building to a strong permanent bond. It is non-staining, has excellent resistance to plasticiser migration and is suitable for use over normal underfloor heating installations.

Uses

R40 can be used to install the following:

Hard/Resilient Floorcoverings:

Vinyls: Sheet, tiles, cushion and other vinyl backed floorcoverings including mineral felt backed vinyls.

Carpets: PVC backed, polyurethane foam backed and many other carpets and needlepunch / fibrebonded carpets where a solvent free system is specified.

Subfloors

Suitable subfloors include concrete, sand/cement screed, smoothing underlayment, plyboard, flooring grade chipboard, hardboard, wood and existing well bonded resilient flooring. Note: There are certain grades of flooring grade chipboard that have been treated with paraffin wax to provide a waterproof quality. These types of chipboards are not suitable for use with this adhesive. 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: BS8203 The Installation of Resilient Floorcoverings or BS5325 The Installation of Textile Floorcoverings. Another useful source of reference is The 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 a suitable sealer.

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 vinyls and other smooth backed floorcoverings a 1.5mm x 5.0mm or MT-A2 is recommended whilst a larger 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. To reduce the effect of shadowing on some vinyls, 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.

Technical Specifications

Product Code: R40

Product Name: Acrylic Adhesive - R40

Type: Acrylic Emulsion

Colour: Off-white

Viscosity: Approx 45,000 cps at 20°C - trowel apply

Coverage: Between 3.5m² - 5m² per litre depending on trowel used and absorbancy of subfloor

Open Time: Up to 1 hour depending 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 a solvent should the adhesive dry. Do not use on the skin Health and Safety Sheets available on request

NOW PLEASE PRINT OFF THE R40 COSHH SHEET