morleys
ADHESIVES

JM500

Acrylic Adhesive

JM500 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.

TECHNICAL SPECIFICATIONS

PRODUCT CODE
JM500

PRODUCT NAME
Acrylic Adhesive

CONTAINER SIZE
5kg & 15kg Plastic Buckets

TYPE
Acrylic Emulsion

COLOUR
Off-white

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

COVERAGE
Between 3m^2 - 4m^2 per kg 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 Morleys Solvent Cleaner should the adhesive dry. Do not use on the skin

Health and Safety Sheets available on request

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Manufactured in the UK

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USES

JM500 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 needle punch/fibrebonded carpets where a solvent free system is specified.

SUBFLOORS/WALLS

Suitable subfloors include concrete, sand/cement screed, smoothing underlayment, plyboard, flooring grade chipboard, hardboard, wood and existing well bonded resilient flooring. **There are certain grades of floor/wall board that have been treated with paraffin wax to provide a waterproof quality. There are also other types floor/wall 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/wall 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: 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 Morleys JM1000 Universal Primer.

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 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. 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.

HEALTH & SAFETY PRECAUTIONS

Refer to Material 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.

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