

MONNELI NEOFIL M10

Ready to Use Acrylic Adhesive for Floorings

Product Description

NEOFIL M10 is a water based, solvent free acrylic emulsion adhesive, which is designed to give a high initial tack and strong bond strength. It is protected against bio-degradation and is specially designed for use as an adhesive for most kinds of floor coverings.

NEOFIL M10 formulated with blend of high strength polymers, mineral fillers and special additives giving high tensile and shear strength as well as dimensional and ageing stability that achieve the requirements for adhering any type of coarse uneven backed carpeting.

Uses

NEOFIL M10 can be used for laying of PVC sheet vinyl and tiles, parquet, textiles (carpet), linoleum and acoustic underlay sheets.

It is suitable for application on both vertical and horizontal surfaces and substrates such as:

- Concrete
- Sand/cement screed
- Latex and water based smoothing compounds
- Ceramic tiles
- Wood
- Hard boards
- Metal access flooring

Advantages

- Quick setting
- Eco friendly - Low VOC
- Economical
- High mechanical properties
- Excellent adhesion
- Suitable for most substrates
- Formulated to suit Middle East condition
- Easy application
- High coverage

Instructions for Use

Surface Preparation

The surface must be structurally sound, clean and dry and free from shutter release and curing agents, laitance and surface contamination such as dust, dirt, waxes, oils, old adhesives, paint, grease, sealants, weak cement screeds and renders, etc.

Bituminous compounds must be removed completely. New concrete or screeds must be at least 28 days old. New renders or brickwork must be at least 14 days old.

Any repairs, leveling or smoothing should be carried out using suitable product from COLMEF range of repairing and flooring products. Allow the repairing layer to dry prior to application of NEOFIL M10.

Priming

High porous cement surfaces, hardboards, chipboards and plywood must be primed with diluted PRIMER A18 (1 part Primer: 2 parts Water), which must be left to be tack free before applying the adhesive.

Mixing

Stir the packet contents well before use.

Application

NEOFIL M10 should be applied using a serrated trowel to ensure optimum transfer of adhesive, as follows:

- Vinyl tiles and sheeting and backed carpeting - serrated trowel with triangular notches of 1.5mm x 1.5mm with 4mm centre
- Coarse, unbacked carpeting (ex. needle punch carpeting) - serrated trowel with triangular notches of 3.0mm x 3.0mm with 4mm centers

Allow the adhesive to flash off and become slightly tacky before applying the floor covering. Press the floor covering into place and roll all flooring (except cushion flooring) with a 68kg flooring roller or use a smoothing tool as appropriate, from end to end to ensure full contact with the adhesive.

Cleaning

Clean used tools with warm water after application is completed and before product dries.

Recommendations

- Do not apply loads or move furniture on the floor covering until the adhesive has fully set
- Do not weld vinyl floor coverings until the adhesive has had sufficient time to develop a good bond, normally 24 hours
- During summer season, working area should be covered to prevent the direct sun effects

Technical Data

Properties	Results
Appearance	Creamy
Density at 25°C	1.2kg/L ± 0.05
Open Time at 25°C	30-40 minutes
pH	7-9
Viscosity at 25°C	30,000 – 45,000 cps
VOC	< 17g/L
Flash point	Non flammable
Application Temperature	5°C to 35°C
Service Temperature	-10°C to +120°C

All values are subject to 5-10 % tolerance

Coverage

Approximately 3 - 4m² per kg depending on the condition and absorbency of substrate.

Packaging

NEOFIL M10 is supplied in 20kg container.

Storage

NEOFIL M10 should be kept in a cool, dry and covered place. Shelf life is 12 months from date of production if stored as recommended.

Health & Safety

During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary.

In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly.

If ingested, obtain medical attention immediately. Do not induce vomiting.

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