

# MATGRIP M10

## Single Component Adhesive for Wall Panels and Flooring Tiles

### Description:

MATGRIP M10 is a very low emission, low odor, premium quality, dispersion adhesive designed for fixing wooden parquet, PVC, rubber, vinyl, resilient flooring on porous substrates, wooden, acoustic and fiber reinforce panels on walls.

MATGRIP M10 is based on a very special type of synthetic resin, with very high-performance additives, fine grade mineral fillers and tackifier.

### Uses:

MATGRIP M10 is an ideal adhesive for fixing:

- Wooden parquet, PVC, rubber, vinyl, resilient flooring
- Recycled rubber shock-absorbent flooring.
- PVC sheets and vinyl floor tiles.
- Fiber Reinforce Panels on walls
- Acoustic and Wooden Panels on walls
- Wooden Panels on walls
- Carpets tiles

### Advantages:

- Excellent bonding and peel off strength
- High compatibility with various backings
- Suitable for wheel chair under coating
- Excellent flow and spread properties
- Flexible, tough cure film
- Low VOC and low odor and Non-flammable
- High bond to the substrate with rapid load bearing strength
- Suitable for installing thin flooring covering
- Can be used for all kinds of residential and commercial buildings

### Instructions for Use:

#### Surface Preparation:

The support must be clean, compact, free from dust, mortar, grease, paint, oil or any material that can affect anchorage power of the adhesive. All cracks should be repaired with LAVAPOXY FINISH.

The moisture content of the support must be less than 5% for cementitious surface with a temperature not less than 5°C and not more than 35°C.

#### Application:

Use a suitable paddle to stir the content well before use. Mix thoroughly till a homogeneous mix is obtained. The product should be applied within the pot life which is effected by the ambient temperature.

Apply the mixed product on the substrate in small spots, and then spread the product with a toothed spatula (teeth with 3 mm). Spread material all over the surface immediately to avoid possible formation of superficial film.

Spread enough quantity to permit the whole flooring tiles or sheets to come in contact with the adhesive.

Allow adhesive to evaporate for approx. 5 mins. (depending room climate, thickness applied and absorbency of substrate) before laying. The evaporation time may considerably increase in case of impermeable substrates and low temperatures and/or very high humidity.

Parquet fixing should be performed immediately after spreading the adhesive. Hammer the slats carefully to assure a complete contact with the adhesive.

Extra care should be taken to avoid air pockets under the panels covering. Roll or rub the sheets or tiles after installation to ensure a good adhesion with the substrate.

The product sets in 24 hours at 25°C temperature, lower temperature delays the setting time.

Any further work to grind or finish the parquet flooring should be done once the adhesive is totally cured.

# MATGRIP M10

## TECHNICAL PROPERTIES

Color:	: Off white
Physical Form	: Thixotropic Paste
Specific Gravity	: 1.3±0.05 Kg/Ltr.
Solid Contents	: 74±3%
Viscosity	: 60000-75000 cPs
Flash Point	: >100 °C
VOC	: <17 g/l
Water Permeance	: 1.3 Perms
Open time	: 30-45 Minutes
Waiting Time	: 5-20 Minutes
Service Temp.	: -18°C to 120°C
Processing Temp.	: Air - 10°C to 35°C Surface - 5°C to 40°C
PEEL	: 90 °C Adhesion Test According to EN 1372: >1 N/mm on Rubber and PVC 180 °C Adhesion Test According to ASTM D 903: >3 N/mm

### Packaging:

Available in 20 kg packaging.

### Consumption:

Mainly depends of the substrate angulation. For a flat surface, consumption will be around 1.5 Kg/m<sup>2</sup>

### Storage:

Store in well-closed original packaging in dry covered sheds. If stored as recommended, its shelf life would be 12 months.

### Recommendation:

- The recommended temperatures for installation normally between +5°C and +35°C, in order to maintain workability and setting times.
- For non-porous substrate kindly contact Matex Technical Department.
- Make sure that there is no rising dampness in the substrate.
- Do not install flooring on non-cured concrete (residual moisture content must be max. 5.0%)
- Do not install flooring on bituminous surfaces.
- Un-bonded screeds laid over waterproof or sound insulation, or concrete slabs onto soil should be separated underneath with vapor barrier to prevent moisture rising.

- Avoid exposure to extreme heat within the first 72 hours.
- The flooring glued with MATGRIP M10 must be exposed to loads until after approx. 72 hours in case of higher spot loads to be expected (e.g. in hospitals, old people's homes, industrial areas)
- It is strongly recommended to remove or scratch painted walls before applying the product.

### Cleaning:

All the tools employed for the preparation and laying of MATGRIP M10 must be cleaned with water before it hardens

### Health and Safety:

- Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapour or spray mist.

### FIRST AID:

- Eyes: In the event of accidental splashes, flush with warm water and seek medical advice.
- Skin: Wash skin thoroughly with soap and water
- Inhalation: Remove to fresh air, keep patient rested
- Ingestion: Do not induce vomiting. Seek immediate medical attention.

For further safety information, please refer to MATGRIP M10 Material Safety Data Sheet.

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MATEX warrants that its products are free from material and manufacturing defects. Instructions on how to use the product should be strictly followed to ensure effectivity and safe use. MATEX shall not be liable either directly or indirectly for any damages to personal, equipment or products that may occur as a consequence of the failure of any products application because it has no direct or continuous control over where or how its products are applied. It is the user's responsibility to acquire always the updated version of datasheets.

