

# MATGRIP CM

## Single Compound, High Performance, Flexible Cementitious Adhesive

### Description:

MATGRIP CM is a high-performance cement based high polymer modified waterproof, flexible adhesive which is designed to give superior bond strength. It consists of bonding agents, selected fillers and aggregates, polymers and special chemicals. Once applied and cured, it has high adhesion strength and excellent flexibility to accommodate movement.

### Uses:

MATGRIP CM can be used as an adhesive of various products such as acoustic mat, Styrofoam, cork, etc. to structurally sound, dry surfaces. It is suitable for application on horizontal surfaces and substrates such as:

- Concrete
- Sand/cement screed
- Flooring grade plywood
- Oriented strand board
- Styrofoam

### Advantages:

- It can be used for all kinds of residential and commercial buildings.
- High bond to substrates.
- Compatible with all types of cement substrates.
- High flexibility to accommodate the different deformation between the tile and the substrate.
- High workability with long pot life.
- Waterproofing features with high elasticity.
- Suitable for hot weather.
- Low viscosity, therefore easily workable.
- Good extended open and adjustability time, facilitating installation.

### Instructions for Use:

#### Surface Preparation:

All surfaces should be sound, clean, dry and free from loose material, efflorescence, laitance, curing compounds, dirt, oil and grease. Ensure that concrete and blocks substrates are fully cured to avoid possible shrinkage movements.

Wet the surface before application to reach a saturated surface dry condition in order to gain best features of the product.

Surfaces that could become too hot due to exposure to sunlight, consider shading or cooling down with potable water.

#### Mixing:

Add the contents of MATGRIP CM bag into a container of 5.4 to 5.8 liters of clean water. Mix with a suitable paddle fitted to a slow speed drill (200–300 rpm) until a uniform, lump free consistency mix is achieved. Allow the mix to rest for about 5 minutes and then remix before application.

#### Application:

With a 3 mm notched trowel, spread the mixed MATGRIP CM to the substrate evenly and in sufficient quantity. Sweep a second pass with the notched part of the trowel to even the distribution of the MATGRIP CM. With pressure fix the material to be bonded into the substrate to ensure full contact with the adhesive.

#### Packaging:

Available in 20 kg recyclable paper bags.

# MATGRIP CM

TECHNICAL PROPERTIES	
Color	Grey
Wet Density	1.85 kg/lit.
Workability at 25°C	Approx. 45 minutes
Adhesive bed thick	Up to 3 mm
Resistance to Alkalis	Excellent
Resistance to Solvent	Excellent
Resistance to Oil	Excellent
Water Resistance	Excellent
Service Temperature	+5°C to +80 °C
VOC	1 g/Ltr

\*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

## Cleaning:

Clean tools with water prior to product hardening. Hardened materials can only be removed mechanically.

## Coverage:

Solid Bed : 1.85 kg/m<sup>2</sup> per 1 mm thickness  
3mm notched  
Trowel : 2.8 kg/m<sup>2</sup> on smooth surface  
Yield : 14 lit. for 20 kg bag

## Storage:

Store in original packing in dry conditions away from direct sunlight and high humidity levels.

## Shelf Life:

MATGRIP CM can be utilized within 12 months of production date if stored in proper conditions in unopened original packing.

## 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 CM Material Safety Data Sheet.

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