

MATGRIP CM

Single Compound, High Performance, Flexible Adhesive For Flooring

Description:

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

Applications:

MATGRIP CM can be used for laying of acoustic underlay sheets. It is suitable for application on horizontal surfaces and substrates such as:

- Concrete
- Sand/cement screed
- Latex and water based smoothing compounds
- Ceramic tiles

Advantages:

- It can be used for all kinds of residential and commercial buildings.
- High bond to substrates.
- Combatable 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 7.0 to 7.5 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 notched trowel, spread the mixed MATGRIP CM an average of 4 mm thick layer 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 material. Press the floor covering into place and roll all flooring (except cushion flooring) with a 68Kg flooring or use a smoothing tool as appropriate, from end to end to ensure full contact with the adhesive.

TECHNICAL PROPERTIES	
Color:	: Grey
Open time at 20°C	: >30 minutes
Adjustable time at 20°C	: 50 minutes
Service Temperature	: -30 °C to +90 °C
Resistance to Alkalis	: excellent
Resistance to Solvent	: excellent
Resistance to Oil	: excellent
Adhesive bed thick	: Up to 10 mm
Wet Density	: 1.60 Kg. / Lt.
Flexural Strength	: 2.1 N/mm ²
Adhesion strength (EN1348)	: @ 28 days > 1.0 N/mm ²
Water Resistance	: Excellent
Deformity (ISO 13007-1, EN 12004)	: S1 - Deformable
VOC	: 1 g/Ltr

MATGRIP CM

Packaging:

Available in 25 kg recyclable paper bags.

Cleaning:

Clean tools with water prior to product hardening.

Coverage:

MATGRIP CM achieves coverage of 5.0 square meters per bag @ 4 mm thickness of application.

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:

- Use goggles and gloves during application. Do not breathe vapor of products. Use only in well ventilated areas.
- Avoid contact with eyes or skin.

MATEX Rev.00-0319

This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

