

MATGRIP PR

Single Component Advanced Polymer Based Adhesive

Description:

MATGRIP PR is a strong, elastic single component adhesive based on a very special type of synthetic resin for fixing FRP Panels, wooden parquet, PVC, rubber, vinyl, resilient flooring on porous substrates, wooden, acoustic and fiber reinforce panels on walls.

The product paste can be easily applied with a suitable notched trowel. After curing, the product becomes semi flexible, tough and resistant to moisture, water, heat and sever climate conditions.

MATGRIP PR is suitable for internal applications, and can withstand intense mechanical stress.

Uses:

MATGRIP PR is an ideal adhesive for fixing:

- Wooden parquet, PVC, rubber, vinyl, resilient flooring
- Rubber athletic tracks and multisport flooring.
- Recycled rubber shock-absorbent flooring.
- Resilient flooring for indoor sports flooring, and onto waterproofing fiberglass underlays.
- PVC sheets and vinyl floor tiles.
- Fiber Reinforce Panels on walls
- Acoustic Panels on walls
- Wooden Panels on walls

Advantages:

- Adheres well to almost all materials used in the building industry
- Solvent free with very low VOC
- 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
- Non-flammable, Quick setting Adhesive

Instructions for Use:

Surface Preparation:

The support must be clean, compact, structurally sound 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.

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

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

Packaging:

Available in 20 kg packaging.

Consumption:

Mainly depends of the substrate angulation. For a flat surface, consumption will be around 1 Kg/m²

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 PR 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.

TECHNICAL PROPERTIES

Components	:	Single component
Colour	:	Off White
Consistency	:	Pasty
Density (g/cm ²)	:	1.55
Application temperature range	:	from +5°C to 35°C
Open time	:	45 minutes @ 20 °C
Set to light foot traffic	:	12-24 hours
Ready for use	:	72 hours
Temperature when in service	:	from -30°C to +90°C
Resistance to solvents and oils	:	good
Resistance to acids and alkalis	:	good
Pull out strength	:	>1 N/mm ²
Drying	:	24 hours at +25°C
Able to bear weight after	:	Approx. 24 hours
Final adhesive strength after	:	Approx. 72 hours

Health and Safety:

The product must be handled with caution: use the gloves, protective creams and glasses to avoid the contact with skin and eyes.

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