



Technical Data Sheet

UNIFIX®-M

Thin set tile adhesive

Description:

UNIFIX-M is a powder adhesive made up of grey or white cements, aggregates with chosen granulometry and special additives. UNIFIX-M formula's is the result of experience and guaranteed by thousands of applications. UNIFIX-M mixed with water becomes a shiny plastic paste with good adhesive qualities for all floor and wall covering materials with absorption $\geq 3\%$ and for all sub-bases that are normally in construction.

Primary Uses:

- Easy and affordable
- For interior floor and wall coverings
- Tile absorption $\geq 3\%$
- Maximum allowed size 30 x 30

Technical Properties:

Consistency:	very doughy
Colour:	white and grey
Storage:	In dry storage for up to 12 months, opened bags are to be used up immediately.
Danger of toxicity:	no The cement content of the product may cause irritation to the skin and eyes. We suggest to adopt appropriate protections.
Inflammable:	no
Mixing ratio:	24 parts water to 100 parts powder by weight
Maximum application depth:	10 mm
Application temperature:	from +5° C to +40° C
Pot life:	4 hours
Open time:	20 minutes
Ready for grouting on dry supports:	24 hours
Walkable on dry supports:	48 hours
Final hardening on dry substrates:	14 days

Packaging: 20 kg bag with PE inlet
Conforms to: EN 12004 CLASSE C1

Application Procedures:

Surface Preparation:

Substrates should be stable and non-deformable. Light panels and thin prefabricated panels of plaster, cardboard plaster, wood, etc. the most suitable substrates are therefore reinforced concrete, foamed concrete and cement mortars & plasters. Old plasters must be in good conditions and free from oil, grease and dust. Do not use on substrates in gypsum without the use of a suitable primer. Paint needs to be removed mechanically, and the surface then rinsed clean. To execute floors, the mortar or concrete substrate must be free from dust and must have already completed its shrinkage.

Mixing:

Mix UNIFIX-M with 24% of clean water of the powder weight, taking care to pour the powder into the water and not vice versa, until you obtain a homogeneous paste. Let it rest for 5 minutes, and then stir it briefly. The adhesive is now ready for use and will remain workable for 4 hours. The mixture can be done by hand or by machine, provided that the machine works at low speed.

Method of application:

Tiling:

Lay the tile by exerting a good pressure so that contact with the adhesive will be at least 80 % for walls and at least 95-100% for floor. In normal conditions. The „open time“ of UNIFIX-M is about 15-20 minutes, however, under unfavourable conditions, the above time intervals can be significantly reduced, and it is necessary to verify every so often whether the adhesive applied to the wall has formed a film. In which case this complication can be eliminated by passing the adhesive again with the spatula, some useful performances to make better workability, especially in summer, to wet the substrate, to wet the working place and to eliminate any eventual air currents. Floor can be walked on with caution after 24 hours in summer and after 48 hours

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in winter. Open to full pedestrian traffic after 14 days.
Grouting should be effected at least 24 hours after laying.

Cleaning and Equipment Maintenance:

Clean the tiled walls with humid cloth or sponge when the adhesive has already started to set and you can repeat this operation with more water only after many hours from the tiling.

Estimating and Supply:

Packaging:

UNIFIX-M is available in 20 kg poly-lined bags and 1,125 kg euro pallets loads.

Storage & Shelf Life:

UNIFIX-M must be stored in the original unopened packaging in a dry and cool place.

White version:

12 months from the date printed on the packaging;
pursuant to EU directive 2003/53/CE, we inform that the expiry dated refers to the efficiency of the reducing agent in relation to Chromium VI Salts.

Grey version:

12 months from the date printed on the packaging;
pursuant to EU directive 2003/53/CE, we inform that the expiry dated refers to the efficiency of the reducing agent in relation to Chromium VI Salts.

Health & safety:

Please adhere to valid European Material Safety Data Sheet.

Advice:

The information given in this chart is based on our best experience and indicative only. It must in any event be verified by the end user, who assumes all liabilities deriving from the use of the product.