

Ready-to-use, high quality pasty tile adhesive

Description

MULTIFLEX is a ready-to-use pasty tile adhesive based on acrylic resins. It provides high initial and final adhesive strength, high elasticity and resistance to moisture. It is qualified as absolutely non-slip (zero slipping of the tile). It is ideal for minor repairs due to its fast and easy application. It is classified as type D2T adhesive according to EN 12004.

Fields of application

MULTIFLEX is suitable for fixing absorptive or non-absorptive tiles, glass mosaic tiles, thermal and sound insulation boards, natural stones. It is applied on substrates such as concrete, brick, cellular concrete, plaster, gypsum-board, cement-board, wood. Suitable for areas with moisture such as bathrooms, kitchens etc. It is used internally on walls and floors and externally on walls.

Technical data

Form:	acrylic paste dispersion
Color:	white
Application temperature:	from +5°C to +35°C
Temperature resistance:	from -20°C to +90°C
Adhesive strength:	1,20 N/mm ²
Adhesive strength after:	
• immersion in water:	≥ 0,50 N/mm ²
• heating	≥ 2,10 N/mm ²
Slip:	≤ 0,5 mm
Open time:	25 min
Minor adjustments open time:	20 min
Pointing on walls:	after 12 h
Pointing on floors:	after 24 h

Directions for use

1. Substrate

The application surface should be strong enough, free of dust or grease and as flat as possible.

2. Application

MULTIFLEX is spread and “combed” on the surface using a notched trowel in order to be uniformly applied on the whole surface. Then the tiles are fixed by pressing them in the desired position.

The applied mixture must be covered with tiles within 25 minutes in order to avoid “skin” formation, i.e. before the adhesive film starts setting.

Consumption

1,0-3,0 kg/m², depending on the trowels notch size and the type of substrate

Packaging

MULTIFLEX is supplied in buckets of 1 kg, 5 kg and 25 kg.

Shelf-life - Storage

12 months from production date if stored in original, unopened packaging, in temperature between +5°C and +35°C. Protect from direct sun exposure and frost.

Remarks

- Very porous surfaces such as aerated concrete, gypsum boards, chipboards etc. must be primed first with UNI-PRIMER acrylic primer.
- Places with high moisture (kitchens, bathrooms etc) should be used approx. 7 days after the application of MULTIFLEX in order to be completely dry.
- Do not mix MULTIFLEX with water, cement, lime etc.
- Painted surfaces can be covered with MULTIFLEX as long as the paint is stable, has adequate adhesion to the substrate and the surface is clean.
- MULTIFLEX is not suitable for places with rising moisture or permanent immersion to water such as swimming pools, water tanks etc.
- MULTIFLEX is not suitable for fixing non-absorptive materials over non-absorptive substrates.
- Tools should be cleaned with water while MULTIFLEX is still fresh. After drying the tools are cleaned with SM-12 solvent.
- Consult usage risks and safety advice written on the bag.

CE

10

ISOMAT S.A.

17th km Thessaloniki – Ag. Athanasios
P.O. BOX 1043, 570 03 Ag Athanasios, Greece

EN 12004

Improved, dispersion adhesive for tiling,
with reduced slip

- Reaction to fire	Class F
- Initial shear adhesion strength	≥ 1 N/mm ²
- Shear adhesion strength after heat ageing	≥ 1 N/mm ²
Shear adhesion strength at elevated temperatures	≥ 1 N/mm ²
- Tensile adhesion strength after water immersion	≥ 0,5 N/mm ²

ISOMAT S.A.

BUILDING CHEMICALS AND MORTARS

MAIN OFFICES - FACTORY:

17th km Thessaloniki - Ag. Athanasios Road,
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,
Tel.: +30 2310 576 000, Fax: +30 2310 722 475

www.isomat.net e-mail: info@isomat.net

The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product.

