

## FM 5000



### DESCRIPTION

Thixotropic, elastic, ready to use adhesive; its base consists of the water dispersion of polyacrylic esters and special additives.

### CLASSIFICATION OF PRODUCT

FM 5000 is classified as D2TE according to EN 12004, D dispersion base, 2 improved adhesive strength, E extended open time and T resistance to slip.

### CHARACTERISTICS

Thixotropic, elastic, ready to use adhesive; its base consists of the water dispersion of polyacrylic esters and special additives. It is resistant to moisture, diluted acids, alkaline surfaces (concrete, plaster), and does not affect materials that are sensitive towards diluents. It has a long lifetime, and is sufficient for layers of big surfaces by creating excellent adhesion in varnished surfaces and in rough surfaces too. It shows great initial and final resistance in adhesion. It is ranked in D2TE category according to EN 12004.

### RECOMMENDATIONS FOR USE

FM 5000 is suitable for adhering tiles, rolo (page 48) with a soft PVC, stadium grass, LINOLEUM and carpet in prefabricated concrete, but not mortar floors, mosaics, MDF floor, marine or wood plywood, in liner or galvanized metal sheets. It is perfect for lying thermal isolation tiles of inflated or laminated polyester, polyurethane and plug panels (polyurethane and cork panels, page 48) in concrete, plaster, porobeton masonry, in indoor and outdoor surfaces. It is suitable for an isolated lying of ceramic tiles in wood and its products. It is also offered for mounting in environments where there is significant movement, such as hospitals, hotels, and in environments with vibrations, such as ships, etc.

### TECHNICAL DATA

|                          |                        |
|--------------------------|------------------------|
| Form:                    | Paste                  |
| Colour:                  | Beige                  |
| Density:                 | 1,75 gr/ml             |
| Solid content:           | 70%                    |
| Application temperature: | from +10°C up to +35°C |
| Application thickness:   | up to 4 mm             |
| Open time:               | 40 min                 |
| Correction time:         | 30 min                 |
| Varnish application:     | After 10 days          |
| Adhesion strength:       |                        |
| • Normal condition:      | 3,4 MPa                |
| • After water immersion: | 2,1 MPa                |
| • After heat reaction:   | 2,2 MPa                |
| Chemical resistance:     | High resistance        |
| Temperature resistance:  | from -20°C up to +60°C |

## APPLICATION PROCEDURE

Cement-based traditional supports should have a sufficient maturity time of (28 days in 23°C temperature and U.R 40%). Supports should be flat and stable, in function of intended use. The support where the product will be applied should be clean and free of external materials, such as: paints, oils, varnishes, anti-adhesion materials. Cleaning is made mechanically or manually. Before the application of the product, the plasters should have a maturity time of at least 1 week for 1 cm of thickness. The supports should be mechanically stable, in function of intended use. The surface of the support where the product will be applied should be free of any type of external material.

## APPLICATION

The adhesive is laid only in one layer as it is, through a metallic notched, 3-5mm wide spatula, in horizontal or vertical surfaces. Then, you comb as much of the surface as you need to work for the next 30-40 minutes, analogously to weather conditions, thus avoiding the creation of adhesive "skin". The products which will be attached are laid in a way to allow the possibility of doing micro-repairs, by exerting slight pressure on them.

## PACKAGING

5 Kg / 25 Kg plastic buckets

## STORAGE

It is preserved in its original, well-closed packaging, in dry, shady and low-moist environments, for at least 12 months from the date of its production

## CONSUMPTION

1.5 Kg/m<sup>2</sup>/mm thickness

## HEALTH AND SAFETY INFORMATION

Keep out of reach of children. In case of contact with the eyes or swallowing, please seek medical advice immediately and show the contents of the container. Do not dispose the product into drains.

