



# MAXFIX®



## DISPERSION ADHESIVE FOR TILING ON CERAMIC TILES AND TRADITIONAL SUBSTRATES

### DESCRIPTION

**MAXFIX®** is an one-component adhesive dispersion composed of water-based acrylic resins, controlled fillers and special additives. It is ready to use and designed for tiling of both ceramic and mosaic tiles as well as natural stone, over traditional substrates or previous tiled surfaces.

### APPLICATION FIELDS

- Fixing of ceramic tiles with high, medium or low porosity, natural stone, mosaic tiles, etc., on indoor floors or walls.
- Indoor tiling on cement-based substrates or renders, screeded walls, old ceramic coverings, gypsum, etc.
- Tile fixing on kitchens, bathrooms and walls in laboratories, hospitals, clinics, etc.

### ADVANTAGES

- High adhesion to standard substrates.
- Ideal for applications wherein a minimum thickness increase is required.
- Suitable on non-rigid substrates such as wood, gypsum, cardboard, etc.
- Improves the yield of tiling job saving up to 40-60% of the labour cost and avoiding pitted, rubble removal costs, etc.

### APPLICATION INSTRUCTIONS

#### Surface preparation

Surfaces to be tiled, must be structurally sound, clean and free from dust, grease, paints, efflorescence, oils, demoulding agents, loose concrete or any other material that could affect the adhesion.

Substrate must be as flat as possible, with no unevenness greater than 5 mm measured with a 2 meters long guide.

#### Application

**MAXFIX®** is supplied ready to use. Stir the content of the packaging to get a homogeneous paste. Apply **MAXFIX®** on areas not greater than 2 m<sup>2</sup> and comb with a 2x2 mm notched trowel in order to control the application thickness and avoid the slumping on vertical surfaces. Do not apply in thickness greater than 2 mm. While **MAXFIX®** is still fresh, place the pieces and press them with slight twisting motion, until flattening the ridges and ensuring the tile back achieves full contact with the adhesive. Check the product adhesion by occasionally removing a set piece and inspecting adhesive transfer onto back of tile.

The open-time at 20 °C is 3 hours and the rectification time is 30 minutes, increasing with lower temperatures and reducing with higher temperatures. If a surface skin is formed, the applied adhesive must be removed and reapplied. Remove excess adhesive from the joint with a damp sponge before it sets. Joint grouting can be carried out after 24 hours using a suitable **MAXJOINT®** range product. Large format or non absorbent tiles will take longer curing time.

#### Application Conditions

Do not apply with temperatures below 5 °C or if lower temperatures are expected during the following 24 hours. Do not apply on frozen or frosted surfaces.

Do not apply at ambient temperatures above 35 °C.

#### Curing

Applications carried out at lower temperatures with high relative humidity or

with poor ventilation will require longer curing times.

### **Cleaning**

Before **MAXFIX**<sup>®</sup> sets, all tools and equipment should be cleaned immediately with water. Once it hardens, can only be removed by mechanical means.

### **CONSUMPTION**

The estimated consumption for **MAXFIX**<sup>®</sup> is about 2,0 kg/m<sup>2</sup>·mm thickness. This figure may vary depending on the roughness, porosity and other conditions for both tile and surface. A preliminary test on-site will determine the coverage exactly.

### **IMPORTANT INDICATIONS**

- For indoor use only.
- Do not use with permanent contact with humidity or rising damp.
- Do not exceed the maximum thickness recommended per layer, i.e. 1-2 mm.
- For further information and other uses not specified in this Technical Bulletin, consult our Technical Department.

### **PACKAGING**

**MAXFIX**<sup>®</sup> is supplied in 5 and 25 kg drums and in white colour.

### **STORAGE**

Twelve months in its original unopened packaging. It must be stored in a dry covered place, protected from humidity and frost, with temperatures above 5 °C.

### **SAFETY AND HEALTH**

**MAXFIX**<sup>®</sup> is non-toxic but protective rubber gloves and safety goggles must be used. In case of eye contact, rinse thoroughly with clean water but do not rub. In case of skin contact, wash affected areas with soap and water. If irritation continues, seek medical attention.

For further information, Safety Data Sheet of **MAXFIX**<sup>®</sup> is available by request.

Disposal of the product and its empty containers must be made by the final user and according to official regulations.

## TECHNICAL DATA

<b>Characteristics of the product</b>	
Appearance and colour	White creamy paste
Apparent density in powder form (g/cm <sup>3</sup> )	1,8 ± 0,1
pH	8 – 9
<b>Application and curing conditions</b>	
Application temperature range (°C)	From 5 to 35
Open time at 20 °C (minutes)	30
Rectification time at 20 °C (hours)	3
<b>Characteristics for the cured product</b>	
Initial adhesion strength, UNE-EN 1324 (MPa)	1,7
Adhesion strength after heat action, UNE-EN 1346 (MPa)	1,8
Adhesion strength after freeze/thaw cycles, UNE-EN 1346 (MPa)	2,7
CE mark and classification, EN 12004	D1
Toxicity	Non-toxic
Flash point	Non-flammable
<b>Consumption / Thickness</b>	
Consumption (kg/m <sup>2</sup> ·mm)	2
Recommended thickness per layer (mm)	1-2

## GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®**, S.A. reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



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ISO 9001  
ISO 14001

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