

ELASTICER, ELASTICER FLUID & ELASTICER THICK LAYER

Three-component reactive resin adhesives for sticking any kind of ceramics, making them waterproof and elastic.



FIELDS OF APPLICATION

ELASTICER, ELASTICER FLUID & ELASTICER THICK LAYER are an adhesives that enables you to stick all kinds of ceramics onto very diverse supports. For example:

- ◆ Tiles that are not at all absorbent, such as glass or porcelain stoneware, on supports that are not at all absorbent, such as metal, **glass**, PVC, etc.
- ◆ Ceramic floor tiles and large sized natural stone: marble, granite, slate, etc. on mortar, **RECCEM PRE-MIX**, **FIX-REVOCO**, **FIX-NIVEL**, etc.
- ◆ Installing pieces of **marble** in thresholds, lintels, kitchen sinks, etc.
- ◆ Installing pieces of glass or resins.
- ◆ Superimposing on any kind of ceramics, whether or **not absorbent**.
- ◆ Installing ceramics in any kind of **wood**, whether or not absorbent, kitchen tops, laboratories, etc.
- ◆ **Outdoor** installations: façades, balconies, cornices, etc.
- ◆ Waterproofing and installing vitreous mosaic in **showers** and **swimming pools**.
- ◆ Installing porcelain stoneware and glass mosaic on PVC, having first applied

PRIMER PARA ELASTICER.

- ◆ Installing on horizontal and vertical surfaces. Indoors and exteriors.
- ◆ Installing on supports subject to heavy **vibrations and/or flexions**.

TECHNICAL SPECIFICATIONS

ELASTICER is a three-component waterproof adhesive made with special resins, selected loads and additives that harden through a chemical reaction, offering an exceptional product due to its:

- ◆ Total watertightness (100%)
- ◆ Excellent adhesion to most supports: ceramics, concrete, iron, paint (in good condition), PVC, mortar, wood, metals, etc.
- ◆ High mechanical resistances in a very short time.
- ◆ Extraordinary elasticity.
- ◆ Great resistance to ageing.

HOW TO USE

- ◆ **Support:**
Before applying **ELASTICER**, clean the support perfectly. It must be clean, resistant, solid, free of dust, wax, oil,

WARNING

ELASTICER, ELASTICER FLUID & ELASTICER THICK LAYER should not be used:

- ◆ On damp surfaces.
- ◆ On plaster walls, plasterboard or any element whose main component is plaster (Use **FIXAGRES FLEX ESPECIAL YESO**).
- ◆ Outside the permitted temperature range.

grease, rust, old paint, etc. The mortar supports where **ELASTICER** is to be applied must be perfectly set. The presence of humidity will affect the adhesion of the adhesive.

Only in the case of having to apply on PVC, will you previously apply the **PRIMER PARA ELASTICER** (please consult).

◆ Preparation of the components:

The ideal application temperature is +20°C. When the temperature is very low and the liquids are cold or viscous, submerge the bottles in hot water (not boiling) until they turn fluid.

◆ Preparation of the mixture:

The components are **perfectly pre-dosed**. The proportions should not be altered.

A set is made up of: 1 **large** bottle and another **small** bottle of liquid and 1 bag of powder. Empty the entire contents of the two bottles into the bucket. Then add all the powder from the bag. Mix the mass with a spiral beater at high revolutions for 2-3 minutes.

◆ Application of the mixture:

- Preferably use a toothed trowel with 3 mm teeth.
- When you need a waterproof layer (wood, showers, swimming pools, etc) proceed in the following way: spread **ELASTICER** with a smooth trowel to get a minimum, even thickness of 1/2 mm. After 24 hours, you can stick on the ceramics,



applying **ELASTICER** with the toothed trowel.

- For difficult applications, exteriors or for sticking pieces that are larger than 40 x 40, use the double gluing technique.
- For floors that are subject to vibrations, we recommend leaving wide joints of at least 5 mm.
- The pieces to be installed must be dry.
- Always press on the floor tiles to ensure correct adhesion. Tap all the pieces with a rubber mallet. Protect recently laid floors from excessive heat, frost, rain, etc, for at least 24 hours after installation.
- Very important: the setting time for **ELASTICER** depends on the temperature of the area in which it is applied: Do NOT use **ELASTICER** in temperatures of less than +8°C.

◆ Cleaning tools:

Clean tools with alcohol or universal solvent before **ELASTICER** hardens.

◆ Sealing seals:

We recommend using a specific material such as **FIXCOLOR** (fine or thick grain), or **EUROCOLOR FLEX** or **JUNTATEC** or **CERPOXI**. Apply **SELLALASTIC** to expansion joints.



CONSUMPTION:

ELASTICER or FLUID used for sticking ceramics: or used to create a waterproof sheet:	1,9 Kg./m ² per mm. of thickness 1,0 Kg./m ²
ELASTICER THICK LAYER used for sticking ceramic:	19 Kg./m ² per cm. of thickness

TECHNICAL DATA

DIRECTIVES	EN 12.004
PRODUCT	
• Type:	R2 T :reactive resin adhesive with additional characteristics and reduced slip. (ELASTICER FLUID: R2)
• Density:	liquid A: 1.03 g/cm ³ liquid B: 1.04 g/cm ³ powder: 1.4 g/cm ³ (E.C.G.=1,34 g/cm ³)
• Viscosity:	liquid A: 2500-3800 mPa·S (25 °C) liquid B: 300-600 mPa·S (25 °C)
• Toxicity:	Irritant, avoid contact with skin and eyes. Always wear gloves during use; protective goggles are also recommended. If the product comes into contact with the skin, wash with plenty of soap and water. If the product comes into contact with the eyes, wash with plenty of running water and consult a doctor.
• Inflammable:	NO
APPLICATION	
• Consistency of the mixture:	paste
• Colour of the mixture:	white
• Density of the mixture:	1.9 g./cm ³ (E.C.G.=1,57 g/cm ³)
• Temperature of application:	+10 °C to +30 °C
• Pot life:	30 min.
• Waiting time:	60 min.
• Useful life:	1 hour
• Slip:	- 0.5 mm. (ELASTICER FLUID: not applicable)
• Can be walked on after:	12 hours (20°C); 48 hours (10°C); ∞ (0°C)
• Final hardening:	7 days (20°C)
PERFORMANCE PROPERTIES	
• Resistance to damp:	excellent
• Resistance to ageing:	excellent
• Resistance to solvents:	good
• Flexibility:	excellent
• Initial adhesion:	≥ 2 N/mm ²
• Adhesion after immersion in water:	≥ 2 N/mm ²
• Pot life: adhesion (20 min):	≥ 0.5 N/mm ²
• Adhesion after thermal shock:	≥ 2 N/mm ²
STORING	
• In covered, dry, ventilated places, kept in its original container, carefully closed for:	24 months
PRESENTATION	
• Supplied in: ELASTICER	2-kg, 5-kg and 20-kg cans in White color.
ELASTICER THICK LAYER	5-kg and 20-kg cans in White color.
ELASTICER FLUID	5-kg and 20-kg cans in White color.