

## USTAFIX GRANITE & MARBLE ADHESIVE

### 1 – DESCRIPTION

**Granite & Marble Adhesive** is a polyester based, two component adhesive with thixotropic properties. Used for filling and bonding of marble, granite, natural stone, artificial marble and ceramic like materials.

### 2 – PROPERTIES

- Fast curing (15-30 minutes at 20°C).
- Easy to process.
- Perfect shine after mechanical polishing.
- High bonding power even in high temperatures.

### 3 – APPLICATION AREAS

- Bonding of natural stones like marble, travertine etc.
- Bonding of surfaces like concrete, granite, tile and wood.

### 4 - INSTRUCTIONS

- Before the application the surface must be free of grease, moist and dirt.
- Mix the adhesive and hardener by the ratio of 97-98 % adhesive and 2-3% hardener and apply it to the surface to be filled or bonded.
- The mixture can be only used for 2-3 minutes at 20°C.
- The applied surface is ready to use after full cure (15-35 minutes at 20°C).
- The curing rate is changeable according the temperature.

### 5- PACKAGING

Product	Weight	Package
Granite & Marble Adhesive	250 gr	24
Granite & Marble Adhesive	700 gr	12
Granite & Marble Adhesive	1000 gr	12
Granite & Marble Adhesive	1200 gr	12

### 6- STORAGE AND SHELF LIFE

The product has a shelf life of 24 months if stored in areas cool, dry and away from direct sunlight at 18-25°C in its original package.

### 7- RESTRICTIONS

- At wall mounting: Use wire and/or metal fasteners with the applications higher than 2.5 m.
- Do not use the spatula on the main adhesive that is used with the hardener.

- If a color paste will be used to change the color of the adhesive, it must be used before the hardener.
- Increasing the hardener amount in the mixture, increases the curing rate with the cost of bonding power.
- Usage of excess color paste may result with adhesive failure.
- Always close the cover after application.
- The color of the adhesive may be affected by the sunlight.

## 8- SAFETY

Avoid from eyes. Must be stored away from children. Comply with the directives in latest Safety Data Sheet.

## 9- TECHNICAL PROPERTIES

Density	: 1.85 ± 0.02 gr/cm <sup>3</sup>
Viscosity	: (25 °C 20 rpm) 200000-350000 cps
Color	: Bej
Type	: Sovent based
The amount of hardener in the mixture	: %2-3
Mixing time	: ≈ 1 min.
Curing Time	: 2-3 min. (at 20°C with %2-3 hardener)
Maximum temperature during reaction	: 110-115 °C
Min. Use temperature	: -5°C
Max. Temperature resistance after curing	: 100°C
Maximum force	: 600 – 750 kgf.
Maximum elongation	: 2.4 – 2.8 Δ/mm
Maximum tension	: 0.3 kg /mm <sup>2</sup>
Tensile strength	: 740 kgf
Force of elongation at break	: 2.5 Δ/mm
Elongation at break	: 5 %
Mixture time	: ≈ 1 min.