

## GRANITE & MARBLE ADHESIVE

### 1 – DESCRIPTION

**GRANITE & MARBLE ADHESIVE** is a two component marble and natural stone adhesive based on polyester resin.

### 2 – PROPERTIES

- Resistant to UV
- Resistant to alkalis and diluted acid solutions
- Temperature resistance of cured adhesive is between -10 °C and +100°C
- Bonded surfaces are ready to be used after 2 hours
- No color change, cracking or shrinkage during hardening period

### 3 - APPLICATIONS

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

### 4 - INSTRUCTIONS

- The surfaces must be clean and free from dust and grease.
- Mix 100 gr of adhesive with 1-2 gr of hardener until a homogeneous mixture is obtained.
- Bring surfaces together within 5 minutes.
- Keep the assembled parts from moving during cure.

### 5- PACKAGING

Product	Weight	Package
<b>GRANITE &amp; MARBLE ADHESIVE</b>	250 gr / 500 gr / 1000 gr / 1250gr	24

### 6- STORAGE AND SHELF LIFE

The product has a shelf life of 24 months if stored in cool and dry areas in original pack.

### 7- SAFETY

- Uncured product can be removed with a suitable solvent
- Irritating to eyes and skin.
- If eyes contact occurs, immediately flush eyes with plenty of water and consult doctor.
- Use only in well-ventilated areas.
- Mixing the components in correct ratio is critical since the amount of hardener affect working time.
- Avoid contact with eyes. Keep non-cured adhesive away from children.

**8- TECHNICAL PROPERTIES**

<b>Colour</b>	: Beige (Comp. A) White (Comp. B)	
<b>Mix ratio</b>	: 100 gr adhesive 1.0 gr hardener	
<b>Working time</b>	: 5-10 min. (23 °C, 50%R.H)	
<b>Application Temperature</b>	: +5 °C to +40 °C	
<b>Specific Gravity</b>	: 1.85 g/cm <sup>3</sup> at 20°C (Comp. A)	(ASTM D1875)
	: 1.80 g/cm <sup>3</sup> at 20°C (Comp. B)	
<b>Flash Point</b>	: 33°C (Comp. A) 50°C (Comp. B)	
<b>Hardening Time</b>	: 1-3 hour	
<b>Mixing Ratio</b>	: %2-3	
<b>Mixing Time</b>	: ≈ 1 second	
<b>Maximum force (kgf)</b>	: 490	
<b>Maximum elongation (Δ / mm)</b>	: 1.18	
<b>Maximum stress</b>	: 3.8	
<b>Tensile strength (kgf)</b>	: 490	
<b>Force elongation. (Δ / mm)</b>	: 1.29	
<b>Elongation at break</b>	: 1.7	