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G400 GRANITE & MARBLE ADHESIVE

1 – DESCRIPTION

Akfix G400 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
G400	250 gr	24
G400	500 gr	12
G400	1000 gr	12
G400	1200 gr	12

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.

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8- TECHNICAL PROPERTIES

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