

CONCRETE, STONE & BRICK ADHESIVE

Special adhesive foam designed for bonding brick, aerated block, stone, natural stone etc. construction elements at buildings.

FEATURES & BENEFITS

- A special product which is transforming with collapsing from foam form to gel adhesive form in a couple of seconds after application.
 - One component, fast curing, easy to use adhesive foam.
 - Bonding blocks and stones during construction works.
 - Powerful adhesion to concrete and stone variations.
 - Suitable to use at interior and exterior applications.
 - Remarkable resistance to weather conditions.
 - More economical, practical and easy to use.
 - Minimum expansion during drying period.
 - No more extra burden or weight to building.
 - Usable at low temperature like +5 °C.
 - It does not contain any propellant gases which are harmful to the ozone layer.
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APPLICATION AREAS

- Bonding structural blocks of non-bearing interior walls.
 - For use where fixed, permanent positioning of stone or concrete products is desired.
 - Usable on;
 - Concrete pavers/slabs,
 - Segmental retaining walls and columns,
 - Cast stone copings,
 - Landscape blocks and bricks,
 - Polystyrene foam board,
 - Cellular lightweight concrete elements,
 - Ornamental precast,
 - Natural & manufactured stone,
 - Brick, aerated block, cinder block, bims block, gypsum block and gypsum panel bonding.
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INSTRUCTIONS

- Optimal can temperature is +20 °C.
 - Optimal application temperature is in between +5°C and +30 °C.
 - Shake the can well before use. Screw the can onto an applicator gun.
 - The outflow of the foam can be regulated with the trigger and controlled with the adjustment screw on the back side of the gun.
 - Always keep the can upside down during application.
 - Surfaces must be clean and free of oil or dust.
 - It can adhere to even slightly damp surfaces.
 - Apply the foam in between stones and use a little bit force to fix the materials. A plastic head hammer can be used.
 - The amount of the foam that will be used depends on the thickness and weight of the stone.
 - For a better appearance it is not recommended to apply the foam to the edges and corners of the stone. At least 2 or 3 cm gap must be left on the edges and corners and the foam should be applied to inner sides of the stone.
 - Fresh foam can be cleaned by Silifix Foam Cleaner. Cured foam can be cleaned barely mechanically.
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RESTRICTIONS

- Storage above +30 °C and below +5 °C shortens shelf life.
 - Should be stored and transported in vertical position.
 - Should be kept in room temperature for at least 12 hours before the application.
 - Cured foam will discolor if exposed to ultraviolet light.
 - Paint or coat the cured foam for best results in outdoor applications.
 - Dried foam can be wiped out by mechanical force.
 - Lower temperatures decreases yield and curing time.
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SAFETY

- Contains Diphenylmethane-4, 4'-Diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin.
 - Do not breathe spray/vapor. Use only in well-ventilated areas.
 - Wear suitable protective clothing and gloves.
 - Pressurized container. Keep away from direct sunlight and do not expose temperatures over 50 °C.
 - Do not pierce or burn, even after use.
 - Keep away from sources of ignition, no smoking.
 - Keep out of the reach of children.
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STORAGE AND SHELF LIFE

- Guaranteed storage time in unopened package is 12 months.
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PROPERTIES

Basis	: Polyurethane Prepolymer
Curing System	: Moisture Cure
Tack-Free Time	: 5-8 min (ASTM C1620)
Cure-Time	: 24 hours
Foam Color	: Light Yellow
Metric yield	: 120 meters in (1.3 cm) bead
Shelf life	: 12 months
Fire Class of the Cured Foam	: B3 (DIN 4102-1)(EN 13501-1)
Shear Bond Strength	: >12 MPa
Temperature Resistance	: -40°C to +90°C
Application Temperature	: +5°C to +30°C

PACKAGING

Product	Volume	Package
Concrete, Stone & Brick Adhesive	750 mL	12

DISCLAIMER

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