

# 962P

## CONCRETE, STONE & BRICK ADHESIVE

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

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### 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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No More Mortar,  
No More Water,  
Dust nor Bother

### 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 Akfix 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

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

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## PACKAGING

| <b>Product</b>                   | <b>Volume</b> | <b>Package</b> |
|----------------------------------|---------------|----------------|
| Concrete, Stone & Brick Adhesive | 750 mL        | 12             |

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