

ENTEGRE

"Building Life"

SUTOP ÇİFT ELASTİK®**Cement and Acrylic Based, Two-Component, Flexible Waterproofing Material****WATERPROOFING SOLUTIONS**

Areas of Use

It is used for waterproofing wet areas such as bathrooms, toilets, kitchens and balconies, as well as small water tanks and swimming pools.

It is applied on surfaces such as concrete, plaster and screed.

Properties

- Its flexibility prevents shrinkage cracking.
- Provides easy and fast application.
- Does not form shrinkage cracks.
- Can be applied on horizontal and vertical surfaces.
- Provides excellent adhesion.
- Applied against positive water pressure.

Application

Surface Preparation

The application surface must be sound, clean, dust-free and level. Make sure that the surface is fully cured and free from substances such as form oil, paint and dust.

Any protruding or embedded items on the surface (iron, wood, etc.) must be removed, and the resulting cavities

must be filled with a suitable Entegre Repair Mortar. The surface must be dampened before application.

Mortar Preparation and Application

Place the required amount of liquid component (10 kg liquid component/25 kg powder) in the mixing container and mix.

Then add the entire bag and mix with a hand mixer until all lumps disappear. Allow the mortar to rest for 5 minutes, then mix again.

ENTEGRE CHAMFER TAPE must be applied to the joints of the surface being treated. In cases where fillet tape is not used, the joints must be rounded off using ENTEGRE Repair Mortars to create a fillet and reinforced with mesh.

Apply the fluid mortar using a brush or roller. Apply the second coat perpendicular to the first coat and after at least 6 hours.

Wait 3 days before applying the final covering (ceramic tiles, screed or cement-based plaster), taking care not to mechanically damage the waterproofing material during the covering process.

If the application area is a water tank, allow the product to cure for at least 28 days.

Consumption

3,0–3,5 kg/m² for two coats (Consumption may vary depending on surface characteristics and application conditions.)

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Technical Values

Initial Adhesion Strength, N/mm ² (TS EN 14891)	≥ 0,5
Adhesion after Water Immersion, N/mm ² (TS EN 14891)	≥ 0,5
Adhesion after Heat Ageing, N/mm ² (TS EN 14891)	≥ 0,5
Adhesion after Freeze-Thaw Cycles, N/mm ² (TS EN 14891)	≥ 0,5
Adhesion after Lime Water Contact, N/mm ² (TS EN 14891)	≥ 0,5
Tensile Adhesion after Chlorinated Water Contact, N/mm ² (TS EN 14891)	≥ 0,5
Crack Bridging under Standard Conditions, mm (TS EN 14891)	≥ 0,75
Crack Bridging at -5 °C, mm (TS EN 14891)	≥ 0,75
Water Impermeability, g (TS EN 14891)	≤ 20

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Packaging and Storage

- Supplied as a set consisting of a 25 kg polyethylene-reinforced kraft paper bag and a 10 kg plastic container.
- Supplied on pallets.
- Both components must be stored unopened in their original packaging in a dry, frost-free environment.
- Under suitable storage conditions, the shelf life of the powder and liquid components is 1 year from the date of manufacture.
- The liquid component freezes at temperatures below 0 °C.
- Opened packages must be tightly sealed, stored under suitable conditions and used within 1 week.

Warnings

- Make sure that there are no wide cracks on the application surface. If wide cracks are present, repair them with a suitable Entegre mortar before application.
- Do not add any foreign material (lime, cement, gypsum, water, etc.) other than the two components.
- Continuous mixing of the product during application is recommended.

- Mortar that has exceeded its pot life must not be mixed with water, liquid component or dry mortar and reused.
- Application is recommended at temperatures between +5 °C and +35 °C.
- During the first 24 hours after application, SUTOP ÇİFT ELASTİK® must be protected against sunlight, wind, rain and frost.
- Reaches its final strength within 14 days.
- Do not apply on frozen surfaces.
- Do not apply under direct sunlight.
- Do not use outside the specified areas of application or contrary to the application instructions.
- Do not inhale directly. In case of contact with eyes, rinse with plenty of water and seek medical attention if necessary.
- Request the product safety data sheet for further information.
- Contact the manufacturer for all other application conditions and technical questions.

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Certificate of Conformity



TS EN 14891:2017 / Class CM01P

EN 1504-2:2004

Suitable for contact with drinking water in accordance
with BS 6920. METU, Department of Chemical
Engineering, Report No.: 2016.03.04.039/02

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