

SUTOP CIFT® KRİSTALİZE

Cement Based Instant Double-Component Crystallized Waterproofing Mortar

AREA OF USE

It's the cement based crystallized waterproofing material used for waterproofing from negative sides such as on horizontal and vertical surfaces, indoors and outdoors, against leakage and surface waters, on retaining walls, elevator shafts, foundations and outer walls of pools, etc., screeds and exposed concrete.

CHARACTERISTICS

Easy and fast implementation.

It is resistant to water pressure from the negative direction.

It's hygienic.

It forms crystal structure in capillary gaps in the concrete, achieves waterproofing by plugging the gaps.

It penetrates in concrete by being crystallized, and forms flexible and resistant coat and thus provides two-stage protection.

Permanently prevents humidity and unpressurized and weak water leakages.

It protects surfaces from destructive effect of moisture and humidity.

It's resistant to heavy weather conditions.

It's suitable to use on tegular or plastered surfaces such as brick, pumice, briquet, aerated concrete, concrete block, limestone, etc.

Does not contain soda and chloride, protects reinforcement against corrosion.

APPLICATION

SURFACE PREPARATION

The surface to be implemented should not have pores or cracks. It must be free from all contaminants such as dust, paint, surface mold oil.

Components on the surface must be removed (iron, wood, etc.) and must be sealed with appropriate Entegre Repair Plasters. If there are active water leakages, they must be stopped via WATERFIX®.

After moistening the surface, implementation can be made.

PREPARATION AND APPLICATION OF THE MORTAR

Component B shall be put inside the mixing vessel (9 kg of fluid component). Then, Component A (25 kg of powder component) shall be added completely by stirring continuously and it shall be stirred until a homogeneous mixture is obtained (approximately 3 minutes) with a low speed mixer. After resting for 5 minutes, the mortar shall be stirred until achieving fluid characteristics again.

After dampening the application surface with water, fluid mortar shall be applied on the surface that may contact with water using a brush. It shall be applied as 2 or 3 coats, and so that the direction of application is perpendicular to the previous application. Wait at least for 3 hours between coats depending on the temperature, and perform dampening procedure between application of coats when required.

We recommend you to stir the product continuously during application. Walls and surfaces to be walked on shall be coated with a final coat such as screed, ceramic, etc.

Surface shall be kept dampened and it shall be prevented from drying for 5 days after application. It shall be protected against external factors such as direct sunlight, wind, frost, etc.

CONSUMPTION

1.5-2.0 kg/m² for single coat (Application at proper surface and ambient conditions is taken as a reference. It may differ as per surface specifications and application conditions.)

TECHNICAL DATA

Water Vapor Permeability	Class I
Bond Strength through Pull-off	No traffic load / Rigid
Reaction to Fire Class	A2
Bond Strength, N/mm²	≥1
Capillary Water Absorption and Water Permeability (m²h^{0.5})	Max. 0,1
Powder Density, g/cm³	1300 ± 200
Operation Time, min.	app. 50 min.

PACKAGING AND STORAGE

- It's shipped, if desired, as sling-bag or by pallet with 25 kg A compound (powder compound) or 9 kg B compound (liquid compound).
- It's recommended to be consumed within 6 months from date of production, within 1 day after opening the bag, in its original packaging without opening in dry and frost free environment, provided that successively put maximum 8 rows.
- When not in use, seal of packagings must be tightly closed.

WARNINGS

- No foreign material should be added (lime, cement, gypsum, water, etc.)
- If mortar's lifetime is over, it should not be used again by mixing with water, liquid component or dry mortar.
- Application is advisable in temperature of +5 ° C to +35 ° C.

- SUTOP CIFT® KRİSTALİZE; must be protected from factors such as sun light, wind, rain and frost within 24 hours following the application.
- Do not apply on frozen surfaces.
- Do not apply under direct sunlight.
- Do not exceed the specified instructions and application surface.
- Do not inhale. In case of flush contact with eyes, flush with plenty of water, seek medical advice if necessary.
- Ask for product safety data sheet for more information.
- Please consult us for your technical questions related to all other application conditions.

CERTIFICATE OF CONFORMITY



Complies with TS EN 1504-2/ April 2008 Standard.

It is suitable for contact with drinking water as per BS6920 standard.
(ODTU-Department of Chemical Engineering
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Ministry of Public Works Pos. No: 04,477/1

The above data were obtained in the laboratory. For more information, please consult our Technical Department.
Entegre reserves the right to change the above information.
Entegre is not responsible for any failure due to misapplication.