

SUTOP TEK® KRISTALIZE

Cement Based One-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.

PROPERTIES

It provides easy and fast application.

It is resistant to water pressure from the negative direction.

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

It's hygienic.

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

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

APPLICATION

SURFACE PREPARATION

The surface to be applied 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 Mortars. If there are active water leakages, they must be stopped via WATERFIX®. After moistening the surface, application can be made.

MORTAR PREPARATION AND APPLICATION

An appropriate amount of water (9 lt of water / 25 kg of powder) is poured in the mixing container. By adding SUTOP TEK® KRISTALIZE in water, a mixture is prepared by hand-mixer until all lumps have disappeared. 5 min. rested mortar is stirred again until it becomes fluid.

After application surface is moistened with water, fluid mortar is splashed on the surface by brush where water may contact. Application is performed as 2 or 3 coats while each coat should be perpendicular to

the previous one. If necessary, moistening should be made on each coat. Min. 3 hours pause is advised between coats depending on temperature.

It's recommended that during application, product should be continuously stirred. Walking areas and walls should be coated with a final layer such as grout, ceramics, etc.

After the application, the final coat should get dried and should be kept moist for min. 5 days preventing from direct sunlight, wind, freeze.

CONSUMPTION

2,2 kg/m² powder product (On appropriate conditions and smooth surfaces, 2 mm thickness was considered as reference. It may vary depending on application conditions and surface features.)

TECHNICAL DATA

Water Vapor Permeability	Class I
Bond Strength through Pull-off	No traffic load / Rigid
Reaction to Fire Class	A 1
Bond Strength, N/mm²	≥1
Capillary Water Absorption and Water Permeability (m²h^{0,5})	Max. 0,1
Powder Density, g/cm³	1300 ± 100
Operation Time, min.	app. 50 min.

PACKAGING AND STORAGE

- It's shipped in 25 kg polyethylene reinforced kraft bags, if desired, as sling-bag or by pallet.
- 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 it's 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 recommended in temperature of +5 ° C to +35 ° C.
- SUTOP TEK® 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 Standard.

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.