

SOLID 810 2K TRANSPARENT WATER INSULATION PRODUCT

PRODUCT DESCRIPTION

SOLID 810, It is a two-component, transparent water insulation material that can be easily applied to various surfaces such as water insulation, ceramic, marble, granite, tile, natural stone, concrete, resistant to UV rays, chemical and physical effects. It can be used for water insulation and decorative purposes. It forms a transparent, elastic and seamless layer after drying.

* TECHNICAL FEATURES

Appearance	Full gloss
Color	Transparent
Density (gr./ml 20°C)	0,92 ± 0,05
Mixing Ratio (by Weight)	A Comp. 70 Unit B Comp. 30 Unit
Solids by Weight (w/w)	% 98 ± 2
Application Method	trowel and polish
Pot Life (20°C)	20-25 min.
Full Cure (days/20°C)	4-10 day.
Flexural Strength (7 day)	28 N/mm2 (TS EN 196-1)
Compressive Strength (7 day)	71 N/mm2 (TS EN 196-1)
Shore D Hardness (7 day)	78
Thermal Resistance Continuous	+50°C the most 7 day: +80°C



* DRYING INFORMATION (100 micron KFK)

	Touch Dry	Hard Drying	Waiting Times Between Floors (Minimum)
-5°C	12 hour	29-30 hour	24 hour
0°C	9 hour	20-21 hour	18 hour
5°C	6 hour	13-14 hour	12 hour
15°C	120-160 min	5-6 hour	3,5 hour
25°C	80-100 min.	3-4 hour	2 hour
35°C	60-80 min	1,5-2 hour	1,5 hour

NOT: Uygulama kalınlığı arttıkça kuruma süresi de artar.

CONSUMPTION Wet Film Thickness (μ)	Dry Film Thickness (μ)	Theoretical Consumption in 2 layers ± 10 (kg./m ²)
188	169	0,200

NOTE: As the application thickness increases, consumption also increases.

APPLICATION AREAS

SOLID 810 2K TRANSPARENT WATER INSULATION PRODUCT

It is used for water sealing on tile surfaces such as terraces, balconies, bathrooms, kitchens, and in outdoor areas such as roofs, facades and pools.

UYGULAMA:

The surfaces to be applied must be completely free of residues such as oil, dirt, dust and rust, clean and dry.

In order to ensure good adhesion to the surface, cleaning must be done meticulously.

Then, all of the B component must be added to the A component and mixed thoroughly in the specified proportions.

The life of the mixture is approximately 25 minutes. The prepared mixture can be applied with a brush, roller or spray gun.

ENVIRONMENTAL CONDITIONS

The ambient temperature should be between +15°C and 35°C. Application should not be done when the relative humidity exceeds 80%. In order to prevent surface condensation, the surface temperature should be at least 3-5 °C above the dew point.

It should be known that consumption will increase in applications to be made at low temperatures. The surface temperature should be at least +5°C and at most 45°C.

APPLICATION FEATURES

- It provides waterproof properties and an aesthetic coating.
- It can be applied directly without requiring a primer.
- It is resistant to UV rays and is not affected by external factors.
- It easily solves insulation problems on floors without damaging the existing coating.
- It creates a transparent insulation layer.
- It has high adhesion capacity on a glossy surface.

PACKAGING

20 KG. ve 5 KG. 20 lt is produced in packages.

One Bucket **SOLID 810 A** Componenti net 10,50kg.

One gallon **SOLID 810 B** Hardener Component B net 4,50 kg.

Bir kova **SOLID 810 A** Komponenti net 3,50 kg'dır.

One gallon **SOLID 810 B** Hardener Component B net 1,50 kg.

USAGE

Surface Preparation

The application surface is carefully cleaned of dirt, oil and grease. Loose old concrete pieces are cleaned from the surfaces. Rust and burrs on the surface are cleaned using a diamond-tipped machine according to SA 2 ½ standards.

Use of the Product

SOLID 810 components are thoroughly mixed separately before use. Then a homogenous mixture is made with its own hardener. To prevent condensation, it is applied only on a dry and clean surface with a temperature above the dew point. The binder temperature should be 20-35°C. Thinning may be required with very long spray hoses and paint temperatures lower than 15°C. This may lead to lower film thickness and longer drying time.

Application method; depending on the type of stone, the amount required is determined by the applying dealer.

SHELF LIFE

The material should be stored in its original packaging in a cool and dry place. The storage life of the material in unopened packaging is 12 months for component A and B.



HEALTH AND SAFETY INFORMATION

Read the MSDS form (Material Safety Data Sheet) for necessary safety rules and warnings. The minimum safety rules to be followed are as follows.

- Contact of the product with skin and eyes should be prevented by using gloves, protective glasses, face mask and industrial cream.
- Ensure adequate air circulation during application and until the paint dries.
- If the product comes into contact with the skin, it should be washed with warm water and soap or industrial cleaner. If splashed into eyes, rinse with water for at least 10 minutes and seek medical attention.
- All warning notes on the buckets should be read carefully and recommended working rules should be followed.



*Our information about the products has been prepared on the basis of our own laboratory trials and researches under normal conditions. Our company is not responsible for studies under unsuitable application conditions. The right to change this information is reserved by our company. For more detailed information, please contact R.Y.K.

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