

# Product Instruction Manual

## Use

Concrete · mortar, natural · artificial stone, plaster, brick etc

It is used for prevention of deterioration / prevention of bleaching, for surface protection, moisture proofing, and soil prevention.

## 1. common name

Inorganic penetration · Reactivity, deterioration · Water-repellent prevention water repellent

## 2. Standard

Internal standard

## 3. Characteristic

HydroSky SKY-GT penetrates deeply into capillaries, voids and the like when applied to the surface of natural stone, brick and plaster, forms a water repellent layer in most of it, and emits a water absorption prevention effect. There is a remarkable difference between durability and contamination resistance, especially with respect to those that produce a film with water repellent effect, and furthermore, it has mildew-proofing effect. Potassium silicate in SKY - GT components shows strong alkalinity, and the bond with organosilane reacts with carbon dioxide gas in the air to make the water repellent, but stones and bricks with low water absorption are white on the surface. Spots may appear. Please be sure to wipe the surplus.

## 4. General properties

Item	Contents
Principal component	Potassium silicate + organosilane
Appearance	Single liquid
Packing	Cardboard · Cubicle Tie (20 kg)
Color phase	Colorless transparent or translucent liquid
Mitsuji	None
specific gravity	1.01 to 1.07g/ml (20°C)
Viscosity	3 mPa·s below
Solvent	water
P H	12.0 to 13.0 (20°C) (strongly alkaline)

## 5. Painting standard

Item	Contents
Washing	Clean the coated surface.
Curing	Care is taken place where there is fear of scattering. Especially, do as far as possible to prevent adhesion to glass, aluminum, clothing etc etc.
A coating	The coating amount is 0.12 to 0.25 kg / m <sup>2</sup> , but this is not the case for waterproofing purposes. Apply with roller, brush, sprayer. Even if grease, oil, a part of paint etc. are stuck to the construction surface, it can be applied if there is no problem in function.
Drying	Longer the drying curing, the higher the strength.

## 7. Construction precautions

Please wipe off the part where SKY - GT adhered to other than the place of construction immediately. If the construction surface is above 50 °C, please apply water or cool it or apply from the shade part. Application method is not particularly selected. It is important to impregnate the framework sufficiently. Please wipe off residues after coating with a cloth that you washed well. If wiping is inadequate, white spots may appear depending on the material.

As soon as it is opened, it is used up quickly, leaving a chemical reaction with air, so in the case of short-term preservation do not mix moisture, dust, etc., seal it, keep it out of reach of children.

In the unlikely event, wash with a large amount of water and consult a doctor if you get into your eyes.

Do not store or install under 0 °C.

Do not use frozen materials.



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# HYDROSKY

# SKY-GT



GHS label element  
Pictogram or symbol:



## 6. Related law

Dangerous goods indication	None
Solvent segment	Inorganic solvent
Indication of hazardous substances	None
Display of deleterious substance	None