

HYDROSKY product instruction manual

HYDROSKY SKY-G1

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Usage: Concrete, miscible in mortar. Hydrofit construction method Crack repair by law, prevention of whitefin, surface protection, moistureproof, waterproof.

Features: Drying of concrete admixed and cooked in raw concrete is usually slower than concrete but has the effect of reducing initial cracks in the surface layer. The SKY-G1 penetrated as a primer is filled up to the void details inside the crack and imparts the deficient calcium.

The reactive compound of SKY-SP which is secondarily coated in a complex manner is saturated with SKY-G1 in a contact gel state, thereby filling the gap and forming a crystalline mineral. In addition, blast furnace slag type ultrafine particulate material and SKY - G1 and SKY - SP mixed in cement have internal corrosion inhibiting effect and induce pozzolanic reaction by fixing heavy metals. When vibration is applied to the admixture injected into the interior of the concrete at the time of construction by vibrator or ultrasonic waves, it generates or expands in the form of gel in the form of a gel, and it hydrates and crystallizes.

Gaps that can not be filled with ordinary crystals are saturated, the water holding property is high and the gas phase is small. As the crystal mineralization progresses, the strength increases and the hydraulic conductivity decreases.

GHS label element Pictogram or symbol: Not applicable

General properties

Main component: calcium solution + reactive inorganic catalyst + surfactant

Appearance: 1 liquid

Color phase: translucent liquid

Specific gravity: 1.04 to 1.14 (20 ° C.)

Viscosity: 15 mPa · s or less

Solvent: water

PH: 5.8 to 6.8 (weakly acidic)

Painting standard

Both newly constructed and repair work is performed to clean the coated surface.

Other than the construction surface, where there is a risk of scattering, basically curing.

Especially to the extent that it does not adhere to glass, aluminum, clothes etc etc.

The longer the dry curing, the higher the strength.

The general coating weight is 0.12 - 0.25 kg / m², but this is not the case for waterproofing purposes.

Apply with roller, brush, sprayer. Even if grease, oil, part of paint etc. are stuck on the construction surface, it can be applied if there is no problem in function.

Related law

Dangerous goods indication: Not applicable

Solvent category: inorganic solvent

Hazardous Substance Display: Not Applicable

Construction precautions

1. It is a silicate type so wet the base before construction.
2. The part where Hydro-Sky has adhered besides the construction site is immediately Please wipe off with wet cloth etc.
3. If the construction surface is above 50 °C, rinse with plenty of water and cool Please apply from the shade part.
4. In the winter, if construction time is room temperature even if it becomes 0 °C or less at night, please perform forced drying immediately after construction.
5. It is possible to remove the oil, grease, release agent etc. on the coated surface If not, please let me permeate from its surroundings.
6. Application method is not particularly selected. Impregnate the framework adequately Is important.
7. Wipe off the surplus and residue after coating with a cloth that you washed well. If wiping is inadequate, white spots may appear depending on the material. Please use up quickly after opening.
8. As soon as it is opened, it is used up as soon as it is used up, and the residual chemical reacts with the air in the container. In case of short-term storage, transfer it to a small container so as not to mix moisture, dust, etc., seal the inside and seal it Keep it out of reach of children. Also please do not put back the used residue especially to the original container.
9. In the unlikely event, wash with a large amount of water and consult a doctor if you get into your eyes.
10. Do not store or install under 10.0 °C.
11. Do not use frozen materials.

About JAI AF ★★☆☆

The indication of "Forster" is paint, interior material, building material, "It is the obligation to indicate newly to indicate performance classification of formaldehyde emission quantity. F☆☆☆☆ (F Forster) is a mark indicating formaldehyde grade that is obliged to be displayed on JIS products produced at JIS factory. Hydro Sky is not a paint, it is a deterioration protection and waterproof agent of aqueous inorganic compound. 1 + 5 kinds of formaldehyde, toluene, xylene, ethylbenzene, styrene for termite control agent designated as harmful chemical substance and for sick house syndrome are designated as harmful regulated drugs.

Therefore, it does not fall under F☆☆☆☆ because formaldehyde which is an organic compound is not included.

About VOC VOC stands for Volatile Organic Compounds and refers to volatile organic compounds Says. WHO is defined as a generic term for substances with boiling point of 50 °C to 260 °C among organic compounds present in the atmosphere in gas.

