

HYDROSKY Product instruction manual

HYDROSKY SKY-QON

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Applications: Aqueous highly elastic waterproof , flame retardant

Common name: inorganic penetrable 2 layer structure fire retardant water protection material

Standard: Internal standard

FEATURES: The characteristic of SKY-QON is water based inorganic fire retardant protective water material. It penetrates deep into the base material and gradually eliminates water solubility, first prevents water from penetrating from the surface layer and releases the internal moisture.As a result of this, the hydrophobic property which started waterproofing has flame retardancy, it is possible to earn time to evacuate and rescue when a fire occurs, possibly possibly stopping the other kind of burning down to the minimum.

General properties

Main component: alkali metal salt + silicic acid compound + highly reactive inorganic catalyst + modified silicone

Appearance: 1 liquid

Color phase: emulsion

Specific gravity: 1.03 to 1.15 (20 ° C.)

Viscosity: 5 mPa·s or less

Solvent: water

PH: 10 to 11

Painting standard

Cleaning: Clean the coated surface for both new construction and repair work.

Protection: In areas other than the construction surface, where there is a risk of splashing, basically curing. Especially, do as far as possible to prevent adhesion to glass, aluminum, clay crown etc.

Application: The general coating amount is 0.12 to 0.35 kg/m², but this is not the case for waterproofing purposes. Roller, brush, sprayer with no spots. 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.

Construction precautions

1. Shake well before using.
2. SKY-QON may have a slightly darker surface after coating than the original color.
3. Wipe off the part where SKY-QON adheres with wet cloth etc. immediately.
4. If the construction surface is above 50 °C due to heat source or direct sunlight, please sprinkle plenty of water or apply from the shade part.
5. In the winter, even if it is at room temperature during construction, if it becomes 0 °C or minus at night, please perform forced drying.
6. Application method is not particularly selected. It is important to sufficiently impregnate the substrate.
7. After opening the material, please use up quickly. Opened residue will cause a chemical reaction with the air in the container, so please use up. In the case of short-term storage, please seal the lid so that moisture, dust, etc. do not get mixed, please do not return the used residue to the original container.
8. In case of eye contact, wash with plenty of water and consult a doctor.
9. Do not store or install under 0 °C.
10. 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.



GHS label element
Pictogram or symbol

Related law

Dangerous goods indication: Not applicable

Solvent category: inorganic solvent

Hazardous Substance Display: Not Applicable