

Technical Data Sheet

KC-727

Emulsion for high performance natural stone paint

DESCRIPTION

KC-727 is acrylic copolymer designed for natural stone paint with high performance. This product has outstanding properties in mechanical Ca²⁺ stability, freeze-thaw stability and water blush resistance.

Natural real stone paint formulated with KC-727 shows excellent performance in film-forming property, water white recovery in cold wet weather, UV-yellowing resistance and color dispersing. In addition, It can dry up in a short time and prevent the irrecoverable damage caused by water evaporation to the film of natural real stone paints.

Typical physical characteristics (not to be considered specifications)

Type	Acrylic copolymer
Appearance	Milky white & bluish
PH (25°C)	8±1
Brookfield Viscosity (25°C, 3#12r, cps)	500-5000
Solid Content (%)	46±1
MFFT (°C)	25°C
Particle Size (µm)	0.08-0.2
Ionicity	Anionic

Blushing Test

Make the emulsion film with the 100µm wet film applicator on the glass board. Then, take the drying process for 24 hours or 8 hours in 50°C drying box. Finally, dipped in water for 48 hours, without any film blushing

Storage

Store in airtight container and avoid cold or high temperature. Suggestive normal storage temperature is 10-35°C. Period of validity is six months after the packing date.

Notice

Specific suggestion of working procedures and formula can be provided only after knowing customer's product applications and production facilities.

VERSION: 2.0

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Key features and benefits

- Excellent thaw/ Ca²⁺ stability
- Excellent water blush recovering property in low temperature
- Excellent film-forming property