

# Technical Data Sheet

## KC-728

Styrene acrylic emulsion for high performance natural stone paint

### DESCRIPTION

KC-728 is styrene acrylic copolymer designed for natural stone paint. This product has outstanding properties in mechanical stability, freeze thaw stability, Ca<sup>2+</sup> stability and water blush resistance. Natural stone paint formulated with KC-728 shows excellent performance in film forming property, color dispersing, UV yellowing resistance and atomization.

In addition, because of its specific particle design, KC-728 can effectively prevent the irrecoverable damage caused by water evaporation to the film of natural stone paints.

### Typical physical characteristics (not to be considered specifications)

Type	Styrene acrylic copolymer
Appearance	Milky white & bluish
PH (25°C)	7.5 ±1
Brookfield Viscosity (25°C, 4#60r, cps)	1000-7000
Solid Content (%)	46±1
MFFT (°C)	25°C
Particle Size (µm)	0.08-0.2
Ionicity	Anionic

### 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

REVISION DATE: 2015/07/01

#### Key features and benefits

- Excellent Ca<sup>2+</sup> stability
- Excellent water blush recovering property in low temperature
- Excellent film-forming property