

Technical Data Sheet

KC-9266A

Silicon acrylic emulsion for premium natural stone paint

DESCRIPTION

KC-9266A is a new kind of silicon acrylic emulsion solving typical problem of water absorption and whitening for natural stone paint. Adopting the composite technology during the polymerization process, KC-9266A has excellent performance in water blush resistance especially under severe condition of low temperature and humidity.

Natural stone paint formulated with KC-9266A has excellent color dispersion and can effectively reduce chromatic aberration in extreme weather. In addition, because of the introduction of inorganic constituent, KC-9266A has perfect adhesion strength and can overcome blur on wall.

Typical physical characteristics (not to be considered specifications)

Type	Silicon acrylic copolymer
Appearance	Milky white & bluish
PH (25 °C)	7-9
Brookfield Viscosity (25°C, 3#12r, cps)	4000-8000
Solid Content (%)	45±1
MFFT (°C)	20
Particle Size (µm)	0.1-0.2
Iconicity	Anionic

Water blush test

Make 100µm emulsion film on the glass with drying time of 24 hours under atmospheric temperature. Emulsion film does not whiten after soaking in water for more than 48 hours.

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.

Key features and benefits

- Perfect water blush resistance
- Perfect color dispersion
- Good adhesion strength