



Eco-Friendly



Non-Toxic

**ACRYLIC EMULSION****SINOGRACE**

The Chemical Company

## Architectural Coatings

### SA-400 Flexible cementitious waterproofing emulsion

**DESCRIPTION** Acrylic dispersion. Used in adhesives for ceramic tile coverings. Also used for flexible, hydraulic bedding mortars, for flexible, waterproof, two-component cement-bonding mortars and for flexible waterproofing slurries.

**TYPE** Styrene acrylic copolymer dispersion

**KEY FEATURES**

- Formaldehyde-free
- Comparable with BASF S400F
- Excellent waterproof effect and anti-crack for cement
- Offers tacky surface and good resistance to aging and light.
- Improves freeze/thaw resistance, flexibility, elasticity, and elongation. Offers compatibility with hydraulic binders, water-tightness, impermeability, and good adhesion to old surfaces.

<b>TYPICAL PROPERTIES</b>	<b>Appearance</b>	Milky white liquid
	<b>pH</b>	7-9
	<b>Solid content</b>	48 ±1 %
	<b>Glass Transition Temperature</b>	-8°C
	<b>Viscosity (25°C)</b>	600-1500cP
	<b>Bonding force</b>	>0.2 MPa
	<b>Tensile strength</b>	>1.1 MPa
	<b>Water adsorption</b>	<2.0g
	<b>Freeze-Thaw Resistance, 5 cycles</b>	Pass

**APPLICATION**

- Basecoats
- High-flexibility tile adhesives
- Rigid and flexible waterproofing slurries for sealing in conjunction with tiles and protective surface coatings
- Anticorrosion protection
- Additive for hydraulic binder systems
- Roof coverings

**STORAGE AND HANDLING**

- Available in 200 kg/ barrel or 25 kg/ barrel
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 9 months from delivery date
- According to non-dangerous goods transport

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