



KAMSONS CHEMICALS PVT. LTD.

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TECHNICAL DATA SHEET

KAMICRYL-400

Nature	: Aqueous, plasticizer-free, anionic acrylic/styrene copolymer	
Product Specification	Solids content	57 ± 1 %
	Viscosity at 30 °C in Brookfield Viscometer spindle 2 / 50 rpm	100 - 450 cps
	Viscosity in Ford Cup	20 – 40 Seconds
	pH	7.0 - 8.5
Other properties of the dispersion	: Density at 20 °C	ca. 1.04 g/cm ³
	Average particle size	ca. 0.2 µm
	Minimum film-forming temperature	< 1 °C
	Resistance to frost	Not resistant
Properties of the film	: Density at 20 °C	ca. 1.08 g/cm ³
	Glass transition temperature T _g	ca. -6 °C
	Tensile stress at break	ca. 0.3 N/mm ²
	Surface	Tacky
	Water absorption after immersion for 24 hours	5-10 %
	Appearance	Clear, transparent
	Resistance to ageing	Good
	Stability to light	Good

Application : **Kamicryl -400** is an aqueous polymer dispersion based on Styrene / Acrylates. It is compatible with cement and suitable for cement modification / cementitious compositions.

Mortars modified with **Kamicryl -400** have good flexibility and durability as well as compressive and impact strength. **Kamicryl -400** can also be used as crack filling and tile jointing compound by mixing with white cement.

Other applications for **Kamicryl-400** that merit mention are bridging systems and flexible coatings on flat roofs.

Storage: If it is kept in tightly closed containers, **Kamicryl-400** has a shelf life of up to six months at 10 - 30 °C.

THESE SUGGESTIONS & DATA ARE BASED ON INFORMATION, WE BELIEVE TO BE RELIABLE. THEY ARE OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE, AS CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL.
