



# **KAMSONS CHEMICALS PVT. LTD.**

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## **TECHNICAL DATA SHEET**

### **Kamicryl - 2505**

**Kamicryl -2505** is an 100% Acrylic Copolymer used extensively in premium elastomeric high-build, texture and roof coatings.

#### **Physical Properties :**

Appearance	:	Milky, White Emulsion
Solid Content	:	50 ± 1 %
Viscosity at 30°C (Brookfield RVT, cps)	:	500
pH	:	7 to 8.5
Minimum Film Forming Temp.	:	< 0 °C
Glass Transition Temp.(Tg):	:	-22°C
Density @ 25°C, Kg/litre :	:	1.04
Elongation at break	:	500 %

#### **Key Features and benefits to formulators:**

- Good mechanical shear resistance
- Permanent flexibility, toughness and recovery characteristics over a wide temperature range
- No external plasticisers, solvents or 'flexibilising' co-polymers are necessary as Kamicryl -2505 is fully internally plasticised
- Excellent resistance to dirt pick-up
- Excellent exterior durability and UV resistance
- 'Breathability' to water vapour prevents build-up due to moisture migration in masonry substrates
- Good protection for masonry against attack by carbon dioxide and other acidic gases
- Exceptionally wide utility in the Paint and Construction industry.

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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.

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