

Technical Data Sheet

29 September 2010

ROSIN PHENOLIC SHORT OIL ALKYD IN XYLENE

KULAC SMP 33XH/60

**Kulac SMP 33XH/60** is a short oil rosin/phenolic modified alkyd in xylene formulated to provide industrial primers exhibiting fast initial drying, excellent adhesion to metallic substrates and very good salt spray, water and humidity resistance.

Physical Characteristics

Parameter	Units	Limits	Parameter	Units	Limits
Oil Length *	%	± 33	Oil Type *	Nil	Linseed/Tung
Non-Volatile Content	%	60 ± 2	Colour	Gardner	10 Max.
Viscosity (25°C)	Gardner	Z <sub>3</sub> to Z <sub>5</sub>	Clarity	Nil	Clear
Viscosity (25°C) *	Poise	50 - 100	Solids @ 2 Poise in Xylene *	%	± 42
Acid Value (as supplied)	mg KOH/g	15 - 25	Density (25°C) *	g/cm <sup>3</sup>	± 1.02

B. K. Drying Times \*

Touch Dry	Minutes	± 15
Hard Dry	Hours	> 12

Sample containing 0.05% Co and 0.5% Pb on resin solids reduced to 100 seconds Ford 4 with xylene and matured for 16 hours before being applied at a 75µ wet film thickness to glass panels and allowed to dry under laboratory conditions.

Compatibility Characteristics \*

Solvents		Film Formers	
Alcohols	Limited	UF Resins	Compatible
Aliphatics	Incompatible	Melamine	Limited
Aromatics	Compatible	Chlorinated Rubber	Incompatible
Esters	Compatible	Short Oil Alkyds	Compatible
Ketones	Compatible	Medium Oil Alkyds	Limited

**Note:** Properties marked with an \* are provided for information purposes only and do not form part of the product specification.

Areas of use

**Kulac SMP 33XH/60** may be used in the manufacture of QD, forced dry or stoving corrosion resistant industrial primers which may be applied by either dip or spray methodology.

Packaging

**Kulac SMP 33XH/60** is available in 190 Kg Net mild steel drums. For alternative packaging requirements please contact our Sales Department.

Variants

**Kulac SMP 33XH/60** has a lower viscosity variant coded SMP 33X/60.

Storage Stability and Safety

Kulac alkyd resins should be stored below 30°C in a cool, dry position away from direct sunlight or other heat sources. Under these conditions the resins will have a shelf life of one year.

Kulac alkyds should additionally be stored and handled in accordance with local statutory regulations.

No warranty or guarantee, express or implied, is made regarding the suitability of this product for any application since the customer's product formulation and manner of use are beyond our control.

KCMC are committed to improving all aspects of our product range through continued research and development. As such product composition and/or specifications may change without notice.