

an air drying short oil alkyd resin based on soya bean oil fatty acids

Technical features

Very fast drying, good elasticity and yellowing resistance (also at elevated temperature), good adhesion on steel.

Application

Fast drying industrial topcoats. Fast drying corrosion resistant primers. General purpose stoving enamels.

Solvent composition Xylene

Specifications

Property	Value Unit	Method STM*	ISO
Acid value (as such)	4.7 - 7.4 mg KOH/g	303A	3682
Appearance	clear, free of extraneous matter	017A	
Colour GARDNER (Lico)	max. 5.0 Gardner	008E	4630
Non-Volatiles	59 - 61 %	001G	3251
Viscosity (23 °C at 100 s ⁻¹)	2.7 - 4.7 Pa.s	012J	3219

*STM: Allnex method of determination (available on request)

Typical Properties (not to be used as sales specifications)

Density	1.02 kg/dm ³	DIN 53217
Flash point	26 °C	ISO 1523

Remarks

STM 001G: spreading agent, xylene

Storage Conditions

No specific conditions required.

Compatibility

% SETAL 142 XX-60	90	75	50	25	10	
% of other material	10	25	50	75	90	Supplier
Alkyd resins						
SETAL 84 XX-70	+	+	+	+	+	
SETAL 118 XX-60	+	+	+	+	+	
Saturated polyester						
SETAL 173 VS-60	+	-	-	-	-	
Melamine resins						
SETAMINE US-132 BB-71	+	+	+			
SETAMINE US-134 BB-57	+	+	+			
SETAMINE US-136 BB-57	+	+	+			
SETAMINE US-138 BB-70	+	+	+			
Other materials						
Ucar vinyl resin VAGH	+	+	+			DowDupont
Ucar vinyl resin VYLH	-	-	-			DowDupont
Epikote 1001	-	-	-			Hexion
Nitrocellulose ½ s	+	+	+			Hagedorn AG
Laroflex MP 25	+	+	+			BASF
Laroflex MP 35	+	+	+			BASF
Laroflex MP 45	+	+	+			BASF
Mowital B 30 H	-	-	-			Mowital
Pergut S 20	+	+	+			Covestro

Remark

Suitable mixing proportions (calculated on Non-volatiles) are marked '+'. Combinations in the proportions marked '-' are not recommended.

Dilutability

Aliphatics	white spirit	partly dilutable
Aromatics	xylene	dilutable
Esters	ethyl acetate	partly dilutable
	butyl acetate	partly dilutable
Ketones	acetone	partly dilutable
Alcohols	ethanol	not dilutable
	butanol	partly dilutable