

TYPE

Thermoplastic acrylic resin

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

SOLVENT COMPOSITION

Xylene/ n-butanol

SUGGESTED USES

General industrial, suitable for various metal substrates

SPECIFICATIONS

Non-Volatiles (1 g/ 1h @ 125C): 54 - 56 %

ISO 3251, *STM 001G*

Acid value (on solid resin): 46.0 - 56.0 mgKOH/g

DIN 53402, *STM 041A*

Viscosity (23 °C, 100 s-1): 3.0 - 10.0 Pa.s

ISO 3219, *STM 012J*

Colour APHA (Lico): Max. 100 APHA

ISO 6271, *STM 008F*

Appearance: Clear, free of extraneous matter

STM 017A

PERFORMANCE HIGHLIGHTS

1. Fast drying
2. High gloss
3. Good balance of hardness and flexibility
4. Good chemical resistance
5. Good adhesion on various metals especially galvanized steel
6. Good gloss retention & outdoor durability

STORAGE CONDITIONS

Keep container tightly closed and dry in a cool, well-ventilated place.
Keep away from heat, sparks, flame and other sources of ignition.

SHELF LIFE

Standard shelf life is 720 days from the date of manufacturing, but may be extended based upon retesting by allnex Quality Control.

TYPICAL PROPERTIES

Density (20°C): Approx. 0.97 kg/dm³

DIN 53217

Flash point (estimated): 26.0 °C

ISO 1523

Tg: 60 °C

STM 004F

REMARKS

STM: allnex method of determination (available on request).

STM 001G: spreading agent is xylene.

COMPATIBILITY

	90	75	50	25	10
% SETALUX 2129 BX-55					
% of other material	10	25	50	75	90
<i>Acrylic polyols</i>					
SETALUX 1196 VV-60 YA	+	+	+	+	-
SETALUX 1200 XX-55	-	-	-	-	-
SETALUX 1284 XX-70	-	-	-	-	-
SETALUX 1287 XS-70	-	-	-	-	-
<i>Thermoplastic acrylic</i>					
SETALUX 2127 XX-60	+	+	+	+	+
SETALUX 1261 VX-51	-	-	-	-	-
VIACRYL SC 121/60X	-	-	-	-	-
VIACRYL VSC 6324/46BAC	-	-	-	-	-
<i>Alkyd</i>					
Setal 84 XX-70	-	-	-	-	-
Setal 142 XX-60	-	-	-	-	-
<i>Polyester</i>					
SETAL 173 VS-60	-	-	-	-	-
SETAL 1715 VX-74	-	-	-	-	-
<i>Epoxy</i>					
BECKOPOX EP 301 X-75	-	-	-	-	-
BECKOPOX EP 128	+	+	+	+	+
<i>Other materials</i>					
CAB 551-0.01	-	-	-		
CAB 551-0.02	-	-	-		
CAB 381-0.1	+	-	-		
CAB 381-0.5	-	-	-		
CAB 381-20	-	-	-		
Nitrocellulose 1/2 s	+	+	+		

DILUTABILITY

Aliphatics	white spirit	not dilutable
Aromatics	xylene	dilutable
	toluene	dilutable
	solvent naphtha 100	partly dilutable
	solvent naphtha 150	dilutable
Esters	ethyl acetate	partly dilutable
	butyl acetate	dilutable
Ketones	acetone	partly dilutable
Alcohols	ethanol	not dilutable
	butanol	not dilutable