

An epoxy functional acrylic resin.

SOLVENT COMPOSITION

Xylene / butanol (93 / 7)

SPECIFICATIONS

Non-Volatiles: ISO 3251, <i>STM 001G</i>	59 - 61 %
Viscosity (23°C at 25 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 59%NV) 0.98 - 1.9 Pa.s
Viscosity (23°C at 25 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 60%NV) 1.3 - 2.5 Pa.s
Viscosity (23°C at 25 s⁻¹): ISO 3219, <i>STM 012J</i>	(at 61%NV) 1.7 - 3.3 Pa.s
Acid value (as such): ISO 3682, <i>STM 303A</i>	max. 1.2 mg KOH/g
Colour APHA (Lico): ISO 6271, <i>STM 008F</i>	50 APHA
Appearance: <i>STM 017A</i>	clear, free of extraneous matter

TYPICAL PROPERTIES

Epoxy equivalent weight:	570
Density: DIN 53217	1.01 kg/dm ³
Flash point: ISO 1523	25 °C

REMARKS

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

STM 001G: spreading agent is xylene.

TECHNICAL FEATURES

In combination with an amine-functional acrylic resin : fast drying, high gloss, good mechanical properties and excellent outdoor durability.

APPLICATION

- Industrial paints and repair systems.
- Finishes for plastics.
- Industrial stoving systems.

SETALUX 8502 BX-60 can be applied in combination with the amine functional acrylic resins SETALUX 8402 XS-55 and SETALUX 8403 SS-55.

ADDITIVES

To improve flow and gloss the addition of 2 - 4 % Borchol MA (1 % in xylene) on solid binder is recommended. It has been proven that this silicon oil gives the best results, the water and humidity resistance will decrease by use of other silicone oils.

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.

DILUTABILITY

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

With the exception of aliphatics all common paint solvents can be used. Alcohols give limited dilutability and will decrease the potlife. Esters will increase the potlife, and methoxy propyl acetate has a positive influence on the hardness.