



# Razeen<sup>®</sup> SL 4171X75

## Epoxy Resin Solution

**General** Razeen<sup>®</sup> SL 4171 X 75 is a typical type 1 epoxy resin based on Bisphenol A as solvent cut 75% in Xylene. The resin is similar to solid resin Razeen<sup>®</sup> SR 5071.

**Applications** Razeen<sup>®</sup> SL 4171 X 75 is a good general purpose epoxy resin solution for use in combination with polyamines, polyamidoamines and mannich bases or their adducts to formulate ambient cure 2-pack coating systems. Main applications include:

- Primers (for steel, concrete and wood)
- Anti-corrosive primers (for metals and concrete)
- Zinc rich primers (for steel sacrificial liquid anode type)
- Top coat or clear lacquers (for metals, concrete or wood)
- Quick dry floor coatings and lacquers

**Properties** Razeen<sup>®</sup> SL 4171 X 75 formulated coatings give,

- Excellent adhesion
- Good mechanical properties
- Moderate to good resistance to chemicals
- Good salt water resistant
- Good corrosion resistance

Specific Key Data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 003
	Color (Gardner)	2 max	ASTM D-1544
	Epoxy Value	1.49 - 1.67 eq/Kg	ASTM D-1652
	Weight Per Epoxide	600 - 670 g/eq	ASTM D-1652
	Solid Content %	74 - 76%	JCTM 0097
	Viscosity at 25°C (77°F)	8000 - 12000 mPa.s	ISO 12058-1

*Specific key data are individually checked throughout, guaranteed and included in certificate of analysis.*

Typical Key Data	Property	Value	Test method
	Density at 25°C	1.08 g/cm <sup>3</sup>	ISO 1675
	Flash point, closed cup	≥ 22°C	DIN 53213

*Typical key data are spot-checked; the values are typical for the product and are indicated for information only. The values are not included in certificate of analysis.*

As-supplied form	Liquid
Odor	Yes (Xylene)
Shelf life (at storage temperature between 2 - 40°C) (See expiry date on original container)	6 years
Hazardous decomposition products (When disposed of in fire)	Carbon monoxide, carbon dioxide and other toxic gases and vapors.
Disposal	Regular procedures approved by local authorities.

