

## Epilox<sup>®</sup> AF 18-50G

**Description** Epilox<sup>®</sup> AF 18-50G is a liquid and solventless blend of standard bisphenol A and bisphenol F epoxy resins with good resistance to crystallization. It contains a biobased carbon content of about 29 %.

**Application** Epilox<sup>®</sup> AF 18-50G can be processed as casting, impregnating and laminating resin, as adhesive or as binder for kneadable materials. Main applications are found in formulations for mortars, screeds and polymer concretes for primers and coatings in civil and mechanical engineering. Further formulations with Epilox<sup>®</sup> AF 18-50G are used for electrical engineering, toolmaking and maintenance.

<b>Data</b>	Viscosity at 25 °C <sup>1)</sup> (DIN 53015)	mPa·s	5000 – 7000
	Epoxy Equivalent Weight (DIN 16 945)	g / eq	173 – 183
	Density at 20 °C (DIN EN ISO 2811-3)	g / cm <sup>3</sup>	approx. 1.16
	Colour (Gardener) <sup>1)</sup> (DIN EN ISO 4630)	–	< 2

**Packing/  
Storage/Transport** Epilox<sup>®</sup> AF 18-50G is supplied in road tankers, containers and drums. The product should be stored in closed containers at temperatures between 10 °C and 30 °C. Under these storage conditions, Epilox<sup>®</sup> AF 18-50G shows no change in quality even after prolonged storage time exceeding 12 months.

**Safety Requirements** Please refer to the valid Material Safety Data Sheet as well as to the legal and recommended industrial hygiene regulations.

# Data Sheet



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The information given in these data is based on the testing methods established by LEUNA-Harze GmbH and on the knowledge of the characteristics of Epilox<sup>®</sup> - products and is given in good faith. No liability is accepted by LEUNA-Harze GmbH for any system or application in which Epilox<sup>®</sup> - products are utilized.