



## Technical datasheet

### A-Pox 3000H with B-Cure 24

The epoxy is based on epoxy resin of Diglycidyl ether of Bisphenol-A + Diglycidyl ether of Bisphenol-F. It is modified with multifunctional reactive diluent and adhesion promoter in order to give strong resin with improved adhesion to difficult surfaces. The epoxy has good mechanical strength and chemical resistance.

Good resistance against crystallization, and it can be stored at ambient temperature at least 12 months.

Curing agent is a cycloaliphatic type slightly modified thus achieving better Tg with lower temperature cure. To be stored at +15 degr.C

Typical applications:

Developed specially for hand lay-up of composite parts.

A-Pox 3000H is recommended to be used with curing agent B-Cure 24 mixed with 100:26 pbw having very good wetting- and process properties with reduced sagging.

Typical Properties epoxy:

Epoxy Equivalent Weight (g/eq)	155-165
Viscosity (mPas / 25°C)	2700-3400mPas
Density (g/cm <sup>3</sup> 25°C)	1.14-1.15
Color (Gardner)	whitish

Tg:

Cure cycle 35 ->50 degr. 120min -> cooling to 35degr

Cure 120 degr. for 8 h – cooling to 35 degr.

Measurement Tg.mid: 127,93degr.C



Handling precautions:

Product may cause skin and eye irritation. In cases of skin contact wash immediately with soap and water. For eyes, flush with plenty of water for 15 minutes and seek medical attention immediately.

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