



Technical datasheet

A-Pox Epoxy Concrete B-Cure Concrete Topcoat 50

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 in order to give reduced viscosity resin with improved adhesion to difficult surfaces – mainly concrete. The epoxy has good mechanical strength and enhanced chemical resistance.

Curing agent is a blend containing polyamines and cycloaliphatic types modified thus achieving very good wetting and curing properties at concrete. Glossy surface with no blush and good elongation to break. Short pot-life for more efficient work.

System can be stored at ambient temperature at least 12 months at + 15 degr.C.

Typical applications:

Concrete where increased strength and chemical resistance is needed.
Concrete Topcoat system is to be used together with Concrete Primer system in order to achieve best possible result.

Topcoat for filling stones like marble, travertine etc.

Typical Properties epoxy:

Epoxy Equivalent Weight (g/eq)	218-227
Viscosity (mPas / 25°C)	3000-5000mPas
Density (g/cm ³ 25°C)	1.15-1.16
Color (Gardner)	<2

Typical Properties curing agent:

AHEW	95-105
Viscosity (mPas / 25°C)	75-150 mPas
Density (g/cm ³ 25°C)	0,98
Color (Gardner)	<4

**Mix-ratio: 100:50 pbw**

Pot-life: 20-27 min – 200gr specimen at RT.

Mixed viscosity 700-1100 mPas

Properties neat resin sample:

Tg onset. 50degr.12h	54 - 60 degr.C
Tensile elongation to break	62 - 68 mPa
Tensile modulus	2800-3100mPa
3-Point bending	95 - 104 mPa
3-Point bending mod.	2800 - 3100 mPa
Barcoll Hardness Shore D	81-86

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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