

Product Data Sheet

November 2006

E-Pos 540

Product description

E-Pos 540 is a low viscosity epoxy resin comprising a Bisphenol A/Bisphenol F resin blend and diluted with an epoxidised alcohol-type monofunctional reactive diluent .

Applications

E-Pos 540 is used in combination with amine-based curing agents in the formulation of two-pack ambient curing systems.

E-Pos 540 does not crystallise upon storage.

The low viscosity of the resin allows the use of high concentrations of pigments and/or fillers and systems based on **E-Pos 540** show excellent compatibility with a variety of components, which renders this resin ideal for use in civil engineering applications such as self-leveling floorings, trowellable floorings or mortars and in solventfree or high-solids coatings as well as in adhesives.

Product characteristics

Viscosity ^a @ 25°C	(mPa.s)	:	700 – 1100
Gardner color		:	≤ 1
Solids content	(% m/m)	:	100
Specific gravity @ 20°C	(g/cm ³)	:	1.12
Epoxy equivalent weight	(g/mol)	:	185 – 205

a Brookfield viscosity

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The information provided is to the best of our knowledge reliable but its accuracy is not guaranteed and no warranty of this kind is made