

## Technical Information

# CeTePox 520 S

### Characteristics

three-component, solvent-free, epoxy-„gel“-system

### Properties and Fields of Application

CeTePox 520 S is a solvent-free epoxy system, which has thixotropic properties. After mixing of components A1 and A2, a resin component with gel-like consistency is obtained within 24 hours. The mixture of this resin with the hardener retains its thixotropic properties. CeTePox 520 S therefore is suited for the colourless sealing of porous structures, e.g. of aggregate floorings, without sagging of binder.

### Processing Advice

Components A1 and A2 are mixed homogeneously in the mentioned ratio. The mixture can be filled within 2 hours, afterwards the mixture thickens until it has gel-like consistency after 24 hours. Usage is recommended only after 48 hours. When mixing the resin component with the hardener strong shear forces should be avoided, to maintain thixotropy

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
<b>Specification</b>	Mixing Ratio <b>Comp. A1 to A2</b>	96 : 4	parts by weight
	Density at 23 °C	appr. 1,14 g/cm <sup>3</sup>	DIN 53 217, T 3
	Appearance a. 24 h	gel-like, opaque	
	Mixing Ratio <b>Comp. A1/A2 to B</b>	100 : 50	parts by weight
	Density at 23 °C	appr. 1,06 g/cm <sup>3</sup>	DIN 53 217, T 3
	Appearance a. 24 h	thixotropic, clear	
<b>Characteristic Data</b>	Pot-life	appr. 17 min	fr. 23 to 40°C w. 100 ml
	Min. Curing Temp.	appr. 12 °C	
	Shore D	75	ISO 868-1985

### Storage

At room temperature in originally packed units the shelf-life is at least 6 months.

### Remarks with Regard to Occupational Safety

When working with epoxy resins and hardeners, the regulations of the "Berufsgenossenschaft der Chemischen Industrie" have to be considered (e.g. data sheet M 023 polyester and epoxy resins).  
Classification according EC-legislation:  
Comp. A1    Xi, N    "Irritant, Dangerous for the Environment"  
Comp. A2    Xi        "Irritant"  
Comp. B     C        "Corrosive"

*The indications given in this technical information are based on thoroughly executed tests and are to give reference to the user. However, they are non-binding as we can not take over any responsibility, also related to possible protective rights of third parties, due to the variety of treatments and applications.*

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