## CeTePox for your Epoxy Systems

As individual as you are



Issued: 2019 / 08 Version: 02

# START FORMULATION Water-based Universal Coating, Matt

			1.05.010
Component A:			
1 Curing Agent	Epotec® THW 4509	CTP AM / Aditya Birla	31.0
2 Dispersing Additive	Tego® Dispers 652	Evonik Industries	0.4
3 Defoamer	Tego® Airex 902 W	Evonik Industries	0.5
4 Diluent	Deionised Water	local	9.0
5 Pigment	Heucosin® Grey G 2229	Heubach GmbH	8.5
6 Filler	Blanc fixe micro	Sachtleben Chemie	18.0
7 Filler	Talc 20M2	Imerys GmbH	12.0
8 Diluent	Deionised Water	local	16.6
9 Matting Agent	Deuteron® MK	Deuteron GmbH	4.0
			100.0
Component B: 1 Epoxy Resin	<i>CeTePox®</i> 245 R	CTP AM / Aditya Birla	20.0
			20.0
Technical Data			
Mixing Ratio	Component A : B	by weight	5 : 1
Density	Component A + B	g / ml	~1.4
Viscosity (p/p, 100 s-1, @ 25°C)	Component A	mPa*s	~1300
	Component B	mPa*s	~900
	Component A + B	mPa*s	~2000
Binder content	Component A + B	w%	~31
Solid content	Component A + B	w%	~66
PVC	Component A + B	%	~28
Applicable Thickness	Per Operation / Pass	μm	~100 - 250
Practically Usable Pot-life	At 23 °C	Min.	~45

#### Manufacturing Instructions Component A

Pos. 1: submitted

Pos. 2 to 4: are added and homogenised (5 min with 2-3 m/s)

Pos. 5 to 7: are added one after the other at low stirrer speed, followed by stirring at

higher speed (15 min. with max.10 m/s and max. temperature of 50°C) until pigment and

fillers are finely dispersed

Pos. 8: add slowly to adjust viscosity

Pos. 9: add at low stirrer speed and homogenise (5 min with 3-5 m/s)

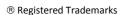
After mixing Part A and B for approximately 3-5 minutes the formulation is ready for application.

More Information ?



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## **Multi-Purpose Floor Coating**

### Examples of an individual scope for design of a guide formula

	Coating / Paint 1.05.010	Primer	Self-leveling	Mortar
Component A	100.0	100.0	100.0	100.0
Component B ( <i>CeTePox</i> ® 245 R)	20.0	20.0	20.0	20.0
Filler (Quartzsand 0.1 – 0.3 mm)			120.0	180.0
Filler (Quartzsand 0.7 – 1.2 mm)				180.0
Water		20 - 40		
	120.0	140 – 160	240.0	480.0
Binder content (w%)	~31		~15	~8
Applicable Thickness	~ 100 – 250 μm	20 – 100μm	~ 1 – 3 mm	~ 2 – 4 cm

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