CeTePox for your Epoxy Systems



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Version: 01

START FORMULATION Pigmented Floor Coating, emission-reduced

			1.06.004
Component A:			
1 Epoxy Resin	CeTePox [®] 293 R	CTP AM / Aditya Birla	33.9
2 Defoamer	Tego [®] Airex 922	Evonik Tego Chemie GmbH	0.8
3 Pigment	Heucosin [®] Grey G 2229	Heubach GmbH	2.9
4 Filler	Quarzmehl Millisil [®] W8	Quarzwerke GmbH	27.2
5 Filler	Baryte EWO	Sachtleben Chemie GmbH	30.2
6 Thixotropic agent	Aerosil [®] 200	Evonik Resource Efficiency GmbH	0.2
7 Epoxy Resin	CeTePox [®] 293 R	CTP AM / Aditya Birla	4.8
			100.0
Component B:			
1 Curing Agent	CeTePox [®] 1511-01 H	CTP AM / Aditya Birla	16,7
			16,7
Technical Data			
Mixing Ratio	Component A : B	by weight	6 : 1
Density	Component A + B	g / ml	~1.7
Viscosity (p/p, 100 s-1, @ 25°C)	Component A	mPa*s	~5,400
	Component B	mPa*s	~200
	Component A + B	mPa*s	~2,000
Applicable Thickness	Per Operation / Pass	mm	~1-2
Practically Usable Pot-life	At 23°C	Min.	~45 - 60
Buchholz-Hardness	At 23°C / 1d / 800µm		~60
Binder Content	Component A + B	% by weight	~48

Manufacturing Instructions Component A

Pos. 1:	submitted
Pos. 2:	is added while stirring at low speed
Pos. 3 to 6:	are added one after the other while stirring at low speed, afterwards the batch is stirred at higher speed for appr. 10 min until pigment and filler are finely dispersed;
Pos. 7:	is added while continueing stirring until the batch is homogenous (appr. 5 min)

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





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