



START FORMULATION

Multi-Purpose Floor Coating

Component A:

1	Epoxy Resin	CeTePox® 293 R	CTP AM / Aditya Birla	35.0
2	Defoamer	Byk® A 530	BYK Chemie	0.5
3	Pigment	Heucosin® Grey G 2229	Heubach GmbH	2.5
4	Filler	Silverbond® M6	Euroquarz GmbH	27.5
5	Filler	Baryte EWO	Sachtleben Chemie GmbH	27.5
6	Thixotropic Agent	Cab O Sil® H5	Cabot GmbH	0.3
7	Epoxy Resin	CeTePox® 293 R	CTP AM / Aditya Birla	6.7
				100.0

Component B:

1	Curing Agent	CeTePox® 1396 H	CTP AM / Aditya Birla	20.0
				20.0

Technical Data

Mixing Ratio (calculated)	Component A : B	by weight	5 : 1
Density (calculated)	Component A + B	g / ml	1.6
Viscosity (p/p, 100 s-1, @ 25°C)	Component A	mPa*s	~5600
	Component B	mPa*s	~110
	Component A + B	mPa*s	~1200
Applicable Thickness	Per Operation / Pass	µm	~500
Practically Usable Pot-life	At 23 °C	Min.	~30
Hardness after 1 d	At 23 °C	Shore-D	~60
Binder content	Component A + B	% by weight	51

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 at low stirrer speed, followed by stirring at higher speed for appr. 10 min. until pigment and fillers are finely dispersed
- Pos. 7: add at low stirrer speed and homogenise (appr. 5 min)

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

More
Information?





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Examples of an individual scope for design of a guide formula

	Coating / Paint 1.04.026	Self-leveling	Self-leveling
Component A	83.3	83.3	83.3
Component B (CeTePox® 1396 H)	16.7	16.7	16.7
Filler (Quartz sand 0.1 – 0.3 mm)	-----	40.0	70.0
	-----	-----	-----
	100.0	140.0	170.0
Binder content (w.-%)	~51	~37	~30
Applicable Thickness	~ 500 µm	~ 1 mm	~ 2 mm

More
Information?



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