

**START FORMULATION****Water-based Self-leveling Floor Coating, Matt****Component A:**

1	Curing Agent	Epotec® THW 4509	CTP AM / Aditya Birla	15.0
2	Defoamer	Byk® 037	Byk-Chemie	0.9
3	Diluent	Deionised Water	local	3.0
4	Pigment	Kronos® 2160 (TiO ₂)	Kronos International Inc.	5.0
5	Filler	Baryte Powder N	Sachtleben Chemie	35.0
6	Filler	Quartz powder W10	Quarzwerte GmbH	18.0
7	Filler	Quartz sand F32	Quarzwerte GmbH	16.6
8	Diluent	Deionised Water	local	6.1
9	Anti-Settling Agent	Deuteron® VT-819 (3% pre-gel in water)	Deuteron GmbH	0.4

				100.0

Component B:

1	Epoxy Resin	CeTePox® 245 R	CTP AM / Aditya Birla	10.0

				10.0

Technical Data

Mixing Ratio	Component A : B	by weight	10 : 1
Density	Component A + B	g / ml	~2.0
Viscosity (p/p, 100 s-1, @ 25°C)	Component A	mPa*s	~5000
	Component B	mPa*s	~900
Binder content	Component A + B	mPa*s	~7500
	Component A + B	w.-%	~16
Solid content	Component A + B	w.-%	~84
	Component A + B	%	~58
PVC	Component A + B	%	~58
Applicable Thickness	Per Operation / Pass	mm	~1 - 3
Practically Usable Pot-life	At 23 °C	Min.	~30-40

Manufacturing Instructions Component A

- Pos. 1: submitted
- Pos. 2 to 3: are added and homogenised (5 min with 2-3 m/s)
- Pos. 4 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 (If necessary, a small portion of Pos. 8 may be added to adjust viscosity).
- Pos. 8: add slowly to adjust final 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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