



START FORMULATION

Two-Component High-Performance Adhesive

Component A:

1	Epoxy Resin	CeTePox® 252 R	CTP AM / Aditya Birla	27.7
2	Filler	Quartz Powder F 300	Quarzwerte GmbH	53.2
3	Filler	Anti-Settling-Paste (85 pbw Anti-Terra U + 5 pbw Betone 38)	local	1.4
4	Pigment	Kronos® 2059 (TiO ₂)	Kronos Titan GmbH	1.4
5	Filler	Promaxon® D	Promat n.v.	0.4
6	Filler	Baryte EWO	Sachtleben Chemie GmbH	15.9
				100.0

Component B:

1	Curing Agent	CeTePox® 1040 H	CTP AM / Aditya Birla	30.0
2	Filler	Quartz Sand (0.06-0.2 mm)	Quarzwerte GmbH	45.0
3	Glass Beads	Ballotini 3000 CP 03	Potters Ballotini GmbH	11.3
4	Filler	Talc 20M2	Luzenac Germany GmbH	11.3
5	Pigment	Bayferrox® 318 M	Bayer Industrieprodukte	0.1
6	Thixotropic Agent	Aerosil® 300	Evonik Industries	2.3
				100.0

Technical Data

Mixing Ratio	Component A : B	by weight	4 : 1
Viscosity	Component A + B	mPass	thixotropic
Pot-life (from 23 to 40°C, 100 ml batch)	Component A + B	Min.	~ 25-35
Hardness	after 24hrs	Shore-D	> 80
	after 7d	Shore-D	> 90

Manufacturing Instructions Component A

- Pos. 1: submitted
- Pos. 2 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

Manufacturing Instructions Component B

- Pos. 1: submitted
- Pos. 2 to 5: 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. 6: add at low stirrer speed and homogenise

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

More
Information ?

