# START FORMULATION
# based on *CeTePox®* 245 R / *CeTePox®* VP 1508-12 H

### Crack-bridging Coating (acc. German OS-11 [DAfStb])

|  |  |  |  | **2.04.004** |
|---|---|---|---|---|
| **A - Component:** | | | | |
| 1 | Epoxy Resin | *CeTePox®* 245 R | CTP AM / Aditya Birla | 17.1 |
| 2 | Flexibilising Agent | Desmocap® 14 CNB | Covestro AG | 51.3 |
| 3 | Defoamer | Byk® 055 | Byk Chemie | 1.1 |
| 4 | Adhesion Promoter | Silquest® A-187 | Momentive | 0.9 |
| 5 | Filler | Silverbond® M6 | Euroquarz GmbH | 26.9 |
| 6 | Pigment | Heucosin® Grey G 2229 | Heubach GmbH | 2.7 |
| | | | | -------------- |
| | | | | **100.0** |
| | | | | |
| **B – Component:** | | | | |
| 1 | Curing Agent | *CeTePox®* VP 1508-12 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 | ~1.2 |
| Viscosity | Component A | mPa*s | ~15,500 |
| | Component B | mPa*s | ~240 |
| | Component A + B | mPa*s | ~10,000 |
| Potlife | Component A + B | Min. | ~ 15 |
| Practically workability | At 23°C | Min. | ~ 40 |
| Hardness after 7d | At 23°C | Shore D | ~ 23 |
| Tensile Strength | DIN EN ISO 527 | MPa (+ 23 °C / - 20 °C) | 3.3 / 12.0 |
| Elongation at Break | DIN EN ISO 527 | %    (+ 23 °C / - 20 °C) | 230 / 100 |

### Manufacturing Instructions Component A

Pos. 1 to 2: add 1, then add 2 under low speed stirring until homogenous.

Pos. 3 to 4: slowly add with low speed stirring and stir for an additional 5 minutes.

Pos. 5 to 6: slowly add with low speed stirring and stir under high speed for an additional 10 minutes.

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

.

**More Information?**

ADITYA BIRLA
CHEMICALS