

Waterborne CeTePox[®] - Epoxy-Binders



CeTePox[®] - Epoxy Resins

Name	Characteristics	Viscosity DIN EN ISO 3219 23 °C appr. [mPas]	Epoxy Equivalent Weight appr. [g/Eq]	Epoxy Value appr. Eq./100 g]	Gardner Colour Index ISO 4630	Properties and Fields of Application
245 R	reactive diluted bisphenol-A /bisphenol-F liquid resin	950	193	0,52	< 2	low viscosity, cristallisation-free for solvent-free coating-systems, laminating and casting resins
440 R	emulsifiable BP-A/F resin with reactive emulsifier	6.000	200	0,5	< 3	water-reducible, pigmentation possible for water reducible primers and coatings
464 R	specially modified bisphenol-A /bisphenol-F liquid resin	1.500	205	0,49	< 3	water-reducible, pigmentation possible for water reducible primers and coatings
490 E	emulsifier concentrate based on liquid bisphenol-A-epoxy resin	320 ^{b)}	305	0,33	< 3	For manufacturing of water-dilutable liquid epoxy resins

CeTePox[®] - Hardeners

Name	Characteristics	Viscosity DIN EN ISO 3219 23 °C appr. [mPas]	Recommended Quantity of Hardener [g] ²⁾	H-Active-Equivalent Weight [g/Eq.]	Gardner Colour Index ISO 4630	Temp. Increase 23 °C → 40 °C appr. [min] ¹⁾	Properties and Fields of Application
1921 H	modified polyamido amine-adduct, 50% in water	18.000	-	210 (Lff.)	< 12	-	water reducible hardener; for water reducible primers and (finishing) coatings
2315 H	water-reducible modified cycloaliphatic polyamine, 80% in water	18.000	70	145 (Lff.)	< 6	90	water reducible hardener; for water reducible primers and (finishing) coatings
2320 H	water-reducible modified cycloaliphatic polyamine, 80% in water	14.000	100	200 (Lff.)	< 6	210	similar to CeTePox 2315 H, longer pot-life
2347 H	water dilutable externally emulsified cycloaliphatic polyamine, 70% in water	1.000	65	130 (Lff.)	< 8	-	economic water-dilutable hardener for basic applications, e.g. epoxy mortars
2419 H	water-reducible modified cycloaliphatic polyamine, 70% in water	14.500	105	215 (Lff.)	< 6	210	water reducible hardener; for water reducible primers and (finishing) coatings, with pot-life indication
2420 H	water-reducible modified cycloaliphatic polyamine, 80% in water	8.500	100	185 (Lff.)	< 6	220	similar to 2419 H, better dilution properties, higher solid content

1) Temperature Increase from 23 °C to 40 °C / 100 ml mixture (insulated beaker), 50% mixture solid content

2) with **CeTePox 464 R** 3) at 23 °C