



FREOPOX-Hardener **HE0412**

Characteristics	■ Hardener for epoxy coatings	
Technical / Physical Data	■ Binder-Base	Solid epoxy resin dispersion
	■ Colour	Milky haze
	■ Viscosity DIN 53211 (formerly)	Flow time 22-28 seconds mm viscosity cup
	■ Viscosity	185-210 mPa.s/ spindle 2 60 revolution/min.
	■ pH-Value	4,0-5,0
	■ Density calculated	1,05-1,07 g/ml
	■ Solid Mass calculated	42-43 %
	■ Solid content in volume calculated	355-370 ml/kg
Processing and application	■ Prior to use, stir well or mix components homogeneously (e.g. with fast mixer). To prevent skin formation, over-coat with water.	
	■ Processing conditions	Room temperature 18-22 °C Relative humidity 40-60 %
	■ Cleaning of equipment	Immediately with water - possibly with addition of 5-10 % by weight EFD cleaning agent 400916. Dried-on equipment with org. solvents, e.g. EFD thinner 400424.
	■ Health & Safety at Work guidlines	The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health & Safety at Work and environmental protection can be found in the corresponding safety data sheet.
Resistance to storage	■ Approx. 6 month in original packagings at an ambient temperature of 5 to 25 °C Protect from frost. Open packages are to be used within a short time	
	The minimum storage stability of each batch is stated on the product label. The material does not necessarily become unusable if stored for longer than this period. However, for quality assurance purposes, an inspection of these materials is essential to ensure that they are still suitable for the intended application.	
Specific comments	■ Test conditions All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge and experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information.	
	The information provided here contains reference values and does not constitute a specification.	