

Technical Data Sheet

Mintepox® YMH 245

Description accelerated formulated polyamidoamine adduct
free from alkyl phenols

Properties and Fields of Application Mintepox® YMH 245 is an accelerated polyamidoamine adduct hardener, which in combination with suited epoxy resin blends (e.g. Mintepox® YMR 612) is used for primers on concrete. These primers offer excellent adhesion even on problematic surfaces, e.g. wet or water-soaked concrete slabs. Can also be used in high-solid corrosion protection primers.

	<i>Property</i>	<i>lower limit</i>	<i>upper limit</i>	<i>Measuring Unit</i>	<i>Method of Determination</i>
Specification	Viscosity at 25 °C	450	750	mPas	ISO 3219
	Amine Value	285	335	mgKOH/g	DIN EN 1877-1
	FTIR comparison	PASS			
	Gardner Colour Index		10		ISO 4630-2
	Density at 23 °C	1.01	1.03	g/mL	ISO 2811-2
Characteristic Data		Value			
	Active-H-Equiv. Weight		115	g/eq.	calculated
	Solid Content		100	w.-%	calculated
System Properties in combination with Mintepox® YMR 612	rec. Amount Hardener		60	g	per 100 g resin
	Initial Viscosity at 23 °C	ca. 800		mPas	ISO 3219
	Gel-Time	ca. 60		min	
	min. Curing Temp.		8	°C	
	Shore D a. 7 d r.t.		> 78%		ISO 868

Storage At room temperature, the shelf life in original, unopened containers is at least 24 months.

Occupational Safety When processing epoxy resins and hardeners, the usual precautionary and hygiene measures for handling chemicals as well as the applicable official occupational safety and environmental protection regulations must be observed. Particular attention must be paid to skin and eye protection and the selection of suitable protective gloves. Detailed information on hazards, labeling, occupational safety and environmental protection can be found in the product safety data sheet.

The information given in this technical data sheet is based on carefully executed tests and is intended to give orientation to the user. However, it is non-binding as we cannot take over any liability, also related to possible protective rights of third parties, due to the variety of treatments and applications.