

Technical Data Sheet

Mintepox® YMH 286

Description modified cycloaliphatic polyamine

Properties and Fields of Application Mintepox® YMH 286 is an exceptional economical polyamine curative for the ambient cure of liquid epoxy resin blends. Typical features of epoxy-systems with Mintepox® YMH 286 are excellent surface appearance, chemical and mechanical resistance. Thus, possible applications are non-colour-sensitive self-levelling floorings, primers, screeds and mortars, which even at low temperatures show good through-cure. The fully cured systems are tack-free and have excellent water-spotting resistance.

	<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	100	400	mPas	ISO 3219
	Amine Value	300	350	mgKOH/g	DIN EN 1877-1
	FTIR comparison	PASS			
	Gardner Colour Index		12		ISO 4630-2
	Density at 23 °C	0.9	1.1	g/mL	ISO 2811-2

		<i>Value</i>		
Characteristic Data	Active-H-Equiv. Weight	95	g/eq.	calculated
	Solid Content	100	w.-%	calculated

System Properties in combination with Mintepox® YMR 612	rec. Amount Hardener	50	g	per 100 g resin
	Initial Viscosity at 23 °C	ca. 425	mPas	ISO 3219
	Gel-Time	ca. 60	min	
	min. Curing Temp.	8	°C	
	Shore D a. 7 d r.t.	83		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.