

## Technical Data Sheet

### Mintepox® YMH 257

**Description** accelerated modified aliphatic polyamine-adduct hardener

**Properties and Fields of Application** Mintepox® YMH 257 is a low-viscous polyamine adduct hardener which is used in combination with suited epoxy resin blends for solvent-free 2-pack epoxy systems. Typical applications are self-levelling floorings, screeds and mortars, etc. The fully cured systems are tack-free, hard, glossy and have good water-spotting, UV-light and chemical resistance.

	<i>Property</i>	<i>lower limit</i>	<i>upper limit</i>	<i>Measuring Unit</i>	<i>Method of Determination</i>
<b>Specification</b>	Viscosity at 25 °C	250	450	mPas	ISO 3219
	Amine Value	260	270	mgKOH/g	DIN EN 1877-1
	FTIR comparison	PASS			
	Gardner Colour Index		3		ISO 4630-2
	Density at 23 °C	1.02	1.04	g/mL	ISO 2811-2

	<i>Property</i>	<i>Value</i>	<i>Unit</i>	<i>Method of Determination</i>
<b>Characteristic Data</b>	Active-H-Equiv. Weight	95	g/eq.	calculated
	Solid Content	100	w.-%	calculated

<b>System Properties</b> in combination with Mintepox® HMR 100	rec. Amount Hardener	50	g	per 100 g resin
	Gel-Time	ca. 23	min	
	min. Curing Temp.	10	°C	
	Shore D a. 7 d r.t.	80		ISO 868
	Tensile Strength	ca. 48	MPa	
	Flexural Strength	ca. 82	MPa	

**Storage** At room temperature, the shelf life in original, unopened containers is at least 12 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.