



Technical Data Sheet

ipox[®] EH 2471W

PROPERTIES

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| <ul style="list-style-type: none">· Hardener for liquid epoxy resins· Emulsify liquid epoxy resin· Low viscosity· Low odour | Chemical base:
Polyamine adduct in water <ul style="list-style-type: none">· No VOC· No alkylphenols |
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TYPICAL APPLICATIONS

- Impregnations and paints based on two component epoxy systems
- Self-levelling coatings

TECHNICAL DATA*

	PARAMETER	UNIT	VALUE	METHOD
with ipox ER 1042	Amine value	mg KOH/g	130 - 165	ipox 004
	Viscosity** [25 °C]	mPa·s	5000 - 10000	ipox 010
	Colour	-	opaque emulsion	
	Density [25 °C]	g/cm ³	ca. 1.09	ISO 2811-3: 2011
	Solid content	%	53 - 57	ISO 3251
	H-Equivalent Weight [HEW]	g/eq.	300	
	Mixing ratio	g/100 g resin	145	
	Gel time*** [100 g, 25 °C]	min	ca. 90	ipox 024

* typical data; please ask for the specifications

** cone/plate rheometer

*** GELNORM Gel Timer-TC

STARTING FORMULATION (SELF-LEVELLING COATING)

Component A	ipox ER 1022	ipox / Epoxy resin	10.3
Component B	ipox EH 2471W	ipox / Epoxy hardener	15.5
	FoamStar ED 2526	BASF/ Defoamer	0.5
	TEGO Dispers 750W	TEGO / Wetting agent	0.2
	Water	Tap water	9.2
	TiO ₂	Kronos / Pigment	2.8
	Schwerspat EWO	Baryt / Filler BaSO ₄	28.8
	ISG Dorsimix 100 GE	Dorfner / Filler Quartz	43.0
			<hr/> 100.0
	Mix ratio (by weight)	A:B	10.3:100

STORAGE

ipox[®] EH 2471W is at least 12 months stable in the original can.
Storage at higher temperatures and exposure to sunlight will increase the colour number.
Keep cool (>5 °C!) and dry.

PHYSIOLOGY AND LABORATORY SAFETY REGULATIONS

For additional information please consult the corresponding product safety data sheets.

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