

FLAMMADUR® E 292 T

Two-component sealing compound

Description

FLAMMADUR® E 292 T is a flame retardant, flexible and cold-curing polyurethane mixture. It consists of two components and can be used at temperatures between -40 °C and +90 °C.

Areas of Application

- Ships & offshore
- In the GEAQUELLO® E 950 sealing system
- In the GEAQUELLO® CPS sealing system



Delivery and Packaging

FLAMMADUR® E 292 T		
Packaging	can	side-by-side cartridge
Size	1 kg	345 ml
Article Number		
	4146219	4146603

Please contact us for further information:

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✉ transportation@svt.de

FLAMMADUR® E 292 T

Protect your values.

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AIK

FLAMRO

ROLFKUHNGBMH

Technical Data

	FLAMMADUR® E 292 T resin	FLAMMADUR® E 292 hardener
Colour / odour	brown / odourless	
Shore hardness (DIN 53505)	88–93 Shore A; 45–50 Shore D	
Mixing ratio (parts by weight)	100	8
Density of the mixture	1.58 g/cm ³	
Viscosity	paste-like	approx. 110 mPa·s
Density	1.60 g/cm ³	1.22 g/cm ³
Curing of the samples	24 hours / +80 °C	
Curing time of sample at room temp.	7 days	
Storage time for sample at room temp. with oil / alcoholics	72 hours	
Processing temperature	> +5 °C / relative humidity < 80%	
Burning behaviour in acc. with UL 94	VO	
Pot life of the mixture (Bookfield RVT, +23 °C, 300 g)	60 minutes	
Curing of the mixture	16–24 hours	
Flash point	> 200 °C	
Watertightness	2.5 bar	
Gastightness	Technically tight up to 1 bar helium gas pressure, depending on film thickness	
Product properties	Resistant to seawater, technical oils, acids and alkaline solutions	
Application instructions	The material is applied with a cartridge. Use only the provided mixing jet. Use only mixed material. The first 10 material extractions must be removed. Opened cartridges can still be reused after cleaning the opening. The application time at +23 °C is 17–25 min. The curing time is 16–24 hours. Surfaces must be dry and clean.	
Sealing length	110 mm for bus bar systems / 10 mm for covers	
Storage	Dry storage between +10 °C and +40 °C.	
Storage life	12 months	6 months (determining factor)
Safety instructions	Consult the safety data sheet for additional instructions.	

Shear strength for various materials

Concrete	2.40 N/mm ²
Aerated concrete	0.34 N/mm ²
Limestone	3.05 N/mm ²
PV pipe	1.78 N/mm ²
Steel pipe	14.84 N/mm ²

Resistance to oil and alcoholics

Solvent naphtha	low moisture expansion on surface (approx. 0.5 mm)
n-Pentan / condensate / hydraulic oil	no changes

Errors, misprints and changes reserved. All of the information corresponds to the state of technology and the version of the standard that existed at the time of printing (02/2023).

We will gladly provide you with information on request regarding the legal and technical framework conditions or manufacturer specifications applicable to your individual case.

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Technical product data sheet Rev: 1.0