

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		
	DE/EN 4146219	DE/EN 4146603

FLAMMADUR® E 292 T**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