AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

FLAMMADUR ® E 292 T - Technical Data Sheet-en

澳迪斯防火科技（廊坊）有限公司

Aodisi Fire Technology (Langfang) Co., Ltd.

销售及选型联系 / Sales & product enquiries

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以上为销售联系信息，不替代安全数据表中的应急联系电话。
原始技术内容及制造商、检测机构和证书签发信息见后续资料页。

Sales contact only; emergency contacts in safety data sheets remain applicable.
Original technical, manufacturer and certification details follow.

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

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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/cm³	
Viscosity	paste-like	approx. 110 mPa·s
Density	1.60 g/cm³	1.22 g/cm³
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/mm²
Aerated concrete	0.34 N/mm²
Limestone	3.05 N/mm²
PV pipe	1.78 N/mm²
Steel pipe	14.84 N/mm²

Resistance to oil and alcoholics

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