



FLAMMADUR® E 292

Two-component sealing compound

Description

FLAMMADUR® E 292 is a flame retardant and flexible sealing compound. It consists of two components and can be used with temperatures between -40 °C and +90 °C.

Areas of Application

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



Delivery and packaging

FLAMMADUR® E 292	
Packaging	can
Size	1 kg
Article number	
	4125671

Please contact us for further information:

+49 4105-40 90-14

transportation@svt.de

Technical Data

Application instructions							
<ul style="list-style-type: none">• Use an appropriate tool (e.g. a screwdriver) to puncture the plastic insert inside the lid and the bottom of the lid. Let the hardener flow completely into the lower part of the container.• Stir the hardener and resin carefully to produce a homogeneous, even-coloured compound.• When working with larger volumes or individual components, mix resin and hardener at a ratio of 100 to 10 parts by weight.• When mixing by hand (approx. 5 minutes) or using a mixing tool (3–5 minutes), take care that any sediments on the bottom of the container are completely dissolved and fully integrated into the compound.• The finished compound can be processed for approximately 20–30 minutes, depending on size and ambient temperature.• The components to be sealed must be dry, clean and free of grease.							
Product properties			resistant against seawater, technical oils, acids and alkaline solutions				
Product			FLAMMADUR® E 292 resin		FLAMMADUR® E 292 hardener		
Mixing ratio (weight)			91		9		
Viscosity			approx. 40 000 mPa·s		approx. 110 mPa·s		
Viscosity of the mixture			approx. 20 000 mPa·s				
Density			1.62 g/cm³		1.22 g/cm³		
Density of the mixture			1.58 g/cm³				
Pot life of the mixture (Bookfield RVT, +23 °C, 300 g)			60 min.				
Curing of the mixture			16–24 hours				
Flash point			> 200 °C		> 200 °C		
Storage			dry storage between +10 °C and +40 °C				
Storage life			12 months		6 months (determining factor)		
Technical data of the sealing compound							
Shore hardness (DIN 53505)			88–93 Shore A; 45–50 Shore D				
Curing of the samples			24 hours / +80 °C				
Colour / odour			brown / odourless				
Processing temperature			> +5 °C / relative humidity < 80 %				
Burning behaviour in accordance with UL 94			VO				
Comparative Tracking Index			(DIN/IEC 112)				
Shear strength for different materials							
Concrete	2.40 N/mm²	Aerated concrete	0.34 N/mm²	Limestone	3.05 N/mm²	PVC pipe	1.78 N/mm²
Steel pipe	14.84 N/mm²						
Resistance against oil and alcoholics							
Curing time of probe at room temperature			7 days				
Probe at stock at room temp. with oil/alcoholics			72 hours				
Solvent naphtha			low moisture expansion on surface (approx. 0.5 mm)				
n-Pentan / condensate / hydraulics oil			no changes				
Sealing length			110 mm for bus bar systems / 10 mm for covers				
Watertightness			2.5 bar				
Gastightness			technically tight up to 1 bar helium gas pressure, depending on film thickness				
Safety instructions			Consult the safety data sheet for additional instructions.				

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