



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



FLAMMADUR® E 292

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.

© Copyright svt Products GmbH, Seevetal. FLAMMADUR® is a registered trademark ® of svt Products GmbH, Seevetal.