

# FLAMMADUR® A 386

## Epoxy sealing compound

### Description

FLAMMADUR® A 386 is a flame resistant and flexible two-component epoxy sealing compound. It can be used as a water resistant and weatherproof protection for penetration sealing systems with cables and pipes. FLAMMADUR® A 386 is halogen-free, cold-curing and insensitive to a great number of standard technical oils as well as weak/diluted acids and caustic solutions.



### Areas of Application

- Ships & offshore
- Fire protection for cables and pipes

### Delivery and Packaging

FLAMMADUR® A 386

Packaging	can
Size	1 kg
Article number	
	4146315

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## Technical Data

	FLAMMADUR® A 386 (resin)	FLAMMADUR® A 386 (hardener)
Mixing ratio (parts by weight)	92	8
Mixing ratio (parts by volume)	7.0	1.0
Viscosity	approx. 15 000 mPa·s	approx. 1000 mPa·s
Viscosity of the mixture	approx. 5500 mPa·s	
Density	1500 g/cm <sup>3</sup>	1030 g/cm <sup>3</sup>
Mixing density	1450 g/cm <sup>3</sup>	
Pot life Bookfield RVT, +23 °C	35 min	
Curing time	16–24 hours	
Flash point	> 130 °C	> 120 °C
Processing information	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Stir the hardener and resin carefully to produce a homogeneous, even-coloured compound.</li> <li>• When working with larger volumes or individual components, mix resin and hardener at a ratio of 92 to 8 parts by weight.</li> <li>• 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.</li> <li>• The finished compound can be processed for approximately 20–30 minutes, depending on size and ambient temperature.</li> <li>• It is possible to use the compound at high humidity and on dry wiped surfaces.</li> </ul>	

### Moulding material

Shore hardness (DIN 53505)	97–100 Shore A; 45–50 Shore D	
Post-curing of the samples	24 hours / 80 °C	
Colour / odour	brown / mild	
Processing temperature	> +5 °C / relative humidity < 90 %	
Working temperature	-30 °C – +90 °C	
Storage	Protect from frost. Store in a cool and dry place. Can be stored for max. 6 months in sealed original packaging.	
Storage life	12 months	6 months (determining factor)
Safety instructions	Consult the safety data sheet for additional instructions.	