#### **Technical Data Sheet**



# PYRO-SAFE® DG-AAF

## **Intumescent coating**

#### Description

PYRO-SAFE® DG-AAF is a further development of the certified PYRO-SAFE® DG-HF fire protection coating. It can be used to achieve very smooth and visually appealing paint surfaces. Furthermore, the coating remains flexible and elastic down to -20 °C, with excellent adhesion to the substrate.

#### Areas of Application

- aviation
- · general industrial applications
- on request



### Delivery and Packaging

PYRO-SAFE® DG-AAF					
Packaging	pail	reinforced pail			
Size	5 kg	5 kg			
Number	60 pcs. / pallet	on request			
Weight	600 kg				
Article number					
	1157009	1157011			

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## PYRO-SAFE® DG-AAF

### **Technical Data**

Colour		anthracite grey				
Density (+20 °C)		1.00–1.25 g/cm³				
Viscosity	6000–10 000 mPa·s (at +20 °C) (thixotropic)					
	Individual adjustments of viscosity are possible.					
Temperature stability	up to -20 °C flexible and elastic					
Reaction temperature	from 200 °C					
Processing temperature		+5 °C to +30 °C				
Processing (min. +5 °C / < 85 % relative humidity)	Application can be done by brush, airless (nozzle bore > 0.019 inch = 0.48 mm) or compressed air (nozzle bore ≥ 2.0 mm).  PYRO-SAFE® DG-AAF can be diluted with water to the preferred processing viscosity.					
Drying time (at +23 °C / 60 % ± 3 % relative humidity)	dust-dry		at least 4 hours			
	can be overcoated with itself		at least 8 hours			
	dried through		at least 4 days			
Example usage	Solid object (weight)	Application quantity	Film thickness			
			wet	dry*		
	60–65 %	1000 g/m²	approx. 1100 µm	approx. 500 μm		
	* The required dry film thickness varies depending on the fire protection requirements and technical fire protection characteristics of the constructions to be protected. Spraying losses have not been taken into consideration.					

Storage / transport	3 months in the unopened container		
	When storing at room temperature (+5 $^{\circ}$ C to +30 $^{\circ}$ C) exceeding the ambient temperature by 10 $^{\circ}$ C < 12 hours is unproblematic. Protect from frost.		
Safety instructions	PYRO-SAFE® DG-AAF is not a hazardous substance in accordance with the German Ordinance on Hazardous Substances (GefStoffV) and not a hazardous good in accordance with the German Hazardous Goods Ordinance – Road (GGVS) and the European ADR.		
	Consult the safety data sheet for additional instructions.		
Certificates	on request		

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