AODISI

FIRE TECHNOLOGY

产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

PYRO-SAFE ® DG-HF - 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.

PYRO-SAFE® DG-HF

Intumescent coating

Description

PYRO-SAFE® DG-HF is a VOC-free, water based dispersion with organic and inorganic fillers specially developed for aviation. The coating is flexible and elastic, with excellent adhesion to the substrate.



Areas of Application

- aviation
- general industrial applications
- on request

Delivery and Packaging

PYRO-SAFE® DG-HF					
Packaging	pail				
Size	5 kg	10 kg	12.5 kg	15 kg	20 kg
Article number					
	01157044	01157054	01157004	01262015	01262020

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PYRO-SAFE® DG-HF

Technical Data

Colour	anthracite			
Density (+20 °C)	1.08–1.32 g/cm³			
Reaction temperature	150 °C			
Viscosity	6000–10 000 mPa·s			
Processing temperature	+5 °C to +30 °C			
Processing (min. +5 °C / < 85 % relative humidity)	The surface must be free of contamination. Application can be done by brush, airless (nozzle bore ≥ 0.061 inch = 1.54 mm) or compressed air (nozzle bore ≥ 3.5 mm). PYRO-SAFE® DG-HF can be diluted with water to the preferred processing viscosity.			
Drying times	Ambient conditions		Wet film thickness 500 µm, can be overcoated with itself	
	+25 °C / 35 % rel. humidity		after approx. 30 min	
	+80 °C / 35 % rel. humidity		after approx. 10 min	
Example usage	Solid object (weight)	Application quantity	Film thickness	
			wet	dry*
	65–75 %	1000 g/m²	approx. 1100 µm	approx. 600 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	18 months in the unopened container
	At room temperature (+5 °C to +30 °C). Protect from frost.
Delivery form	PE pail (5 kg, 10 kg, 12.5 kg, 15 kg, 20 kg)
Safety instructions	PYRO-SAFE® DG-HF 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	Airbus Certified IPS04-32-001-01 and AIMS 04-32-002