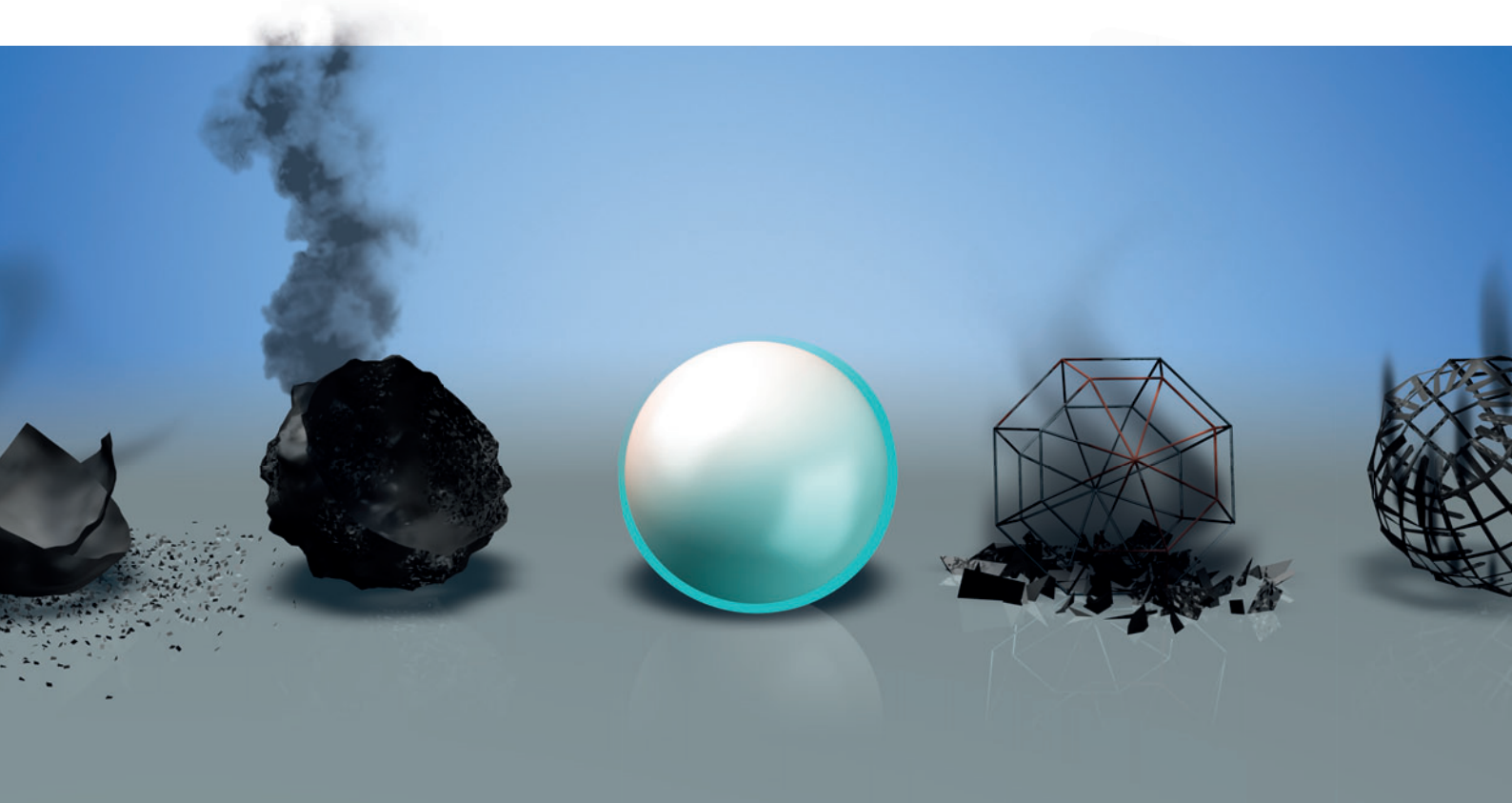


Gelcoat Plus



# BÜFA®- Fire-Retardant-Systems

Optimal safety

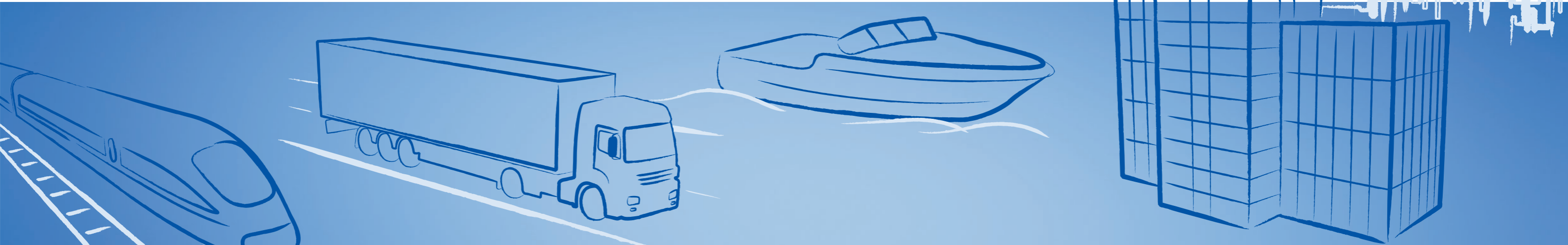


Fire retardant systems

# BÜFA®-Fire-Retardant-Systems save lives – solutions for every need!



BÜFA®-Fire-Retardant-Systems make bonded GRP materials flame resistant and turn GRP cladding into a fire protection wall.



	End market	Application					Fire safety standard / rating																														
		Building and Construction Roofing / Flat sheet panels	Industrial	Transportation	Electrical	Marine	Hand-lay-up	Spray-up	Sheeting	RTM & Pultrusion	Wet press moulding	Filament winding	France	UK	Germany	Italy	Poland	EU	USA	IMO																	
												NFF 16-101	BS 6853	BS 476 Part 3	BS 476 Part 6	BS 476 Part 7	DIN 5510	DIN 4102	UNI CEI 11170	PN-K-02511:2000	UIC 564	EN ISO 13501 Part 1	EN ISO 13501 Part 5	TS EN 45545	NFPA 130	UL 94	IMO Res. A 653 (16) FTP Code MSC 61 (67) Annex 1 - Part 2	IMO Res. A 653 (16) FTP Code MSC 61 (67) Annex 1 - Part 5	IMO 1006								
Halogenated compounds	Translucent resins	BÜFA®-Firestop 6806-N-5	✓	✓																																	
		BÜFA®-Firestop 6814-N-5	✓	✓													class 1																				
		BÜFA®-Firestop 6815-N-3	✓	✓													class 0	class 1					c, s3, d0*	conforms													
		BÜFA®-Firestop 6819-A-2-FR	✓	✓																																	
		BÜFA®-Firestop 2754-W-3	✓		✓	✓		✓	✓	✓	✓	✓																									
		BÜFA®-Firestop 2777-P-1				✓	✓	✓	✓	✓	✓	✓																						conforms			
Halogenated compounds	Specials	BÜFA®-Firestop 2779-P-2	✓		✓												class 2																				
		BÜFA®-Firestop 3355-W-3	✓		✓	✓																															
		M1				class 0	class 1																														
Carbonising- + ATH-systems	Gelcoat resin systems	BÜFA®-Firestop GC S 230-SV + BÜFA®-Firestop S 455	✓		✓	✓																															
		BÜFA®-Firestop S 250-SV Gelcoat + BÜFA®-Firestop S 453				✓	✓																														
		BÜFA®-Firestop S 250-SV Gelcoat + BÜFA®-Firestop S 520				✓	✓																														
		BÜFA®-Firestop S 250-SV Gelcoat + BÜFA®-Firestop 8175-W-1				✓	✓																														
		BÜFA®-Firestop S 250-SV Gelcoat + BÜFA®-Firestop 5001-W-2	✓		✓	✓	✓	✓																													
		BÜFA®-Firestop GC S 260-SV Gelcoat + BÜFA®-Firestop S 460	✓		✓	✓	✓	✓																													
		BÜFA®-Firestop GC S 270-S/NV Gelcoat + BÜFA®-Firestop S 570	✓		✓	✓																															
		BÜFA®-Firestop GC S 270-S/NV Gelcoat + BÜFA®-Firestop 8175-W-1	✓		✓	✓																															
	Fire retardant resins	BÜFA®-Firestop GC S 280-NV Gelcoat + BÜFA®-Firestop S 580	✓		✓	✓																															
		BÜFA®-Firestop S 453	✓		✓	✓																															
		BÜFA®-Firestop S 520				✓																															
		BÜFA®-Firestop S 580				✓																															
		BÜFA®-Firestop 5001-T-1 (300 phr ATH)					✓																														
		BÜFA®-Firestop 5001-W-2	✓		✓	✓	✓																														
		BÜFA®-Firestop 8175-W-1	✓		✓	✓	✓																														
		Specials	BÜFA®-Firestop S 240 (bonding paste)	✓			✓																														
BÜFA®-Firestop TC S 250-V	✓				✓																																
	BÜFA®-Firestop TC S 260-SV	✓			✓																																

The thickness of the laminate and its entire construction, including any top coats, varnishes, applications, sandwich components, etc. also have a decisive influence on fire behaviour. Always remember that individual component tests are mandatory for most applications.

The laminates were produced under ideal, controlled, laboratory conditions. This information does not replace component tests by the manufacturer.

\* In combination with Gelcoat S 230

# Innovative specialities for the composite industry



## Why BÜFA®-Fire-Retardant-Systems?

- In-house test center  
(according to following standards)
  - ISO 5660 (Cone Calorimeter)
  - DIN 5510
  - ISO 4589-2 (LOI – Limited Oxygen Index)
- In-house research and development
  - Germany (Rastede)
- Production locations
  - United Kingdom
  - Germany (Rastede)

### BÜFA Gelcoat Plus GmbH & Co. KG

Hohe Loohe 2-8  
26180 Rastede  
GERMANY  
Phone +49 4402 975-0  
Fax +49 4402 975-300  
gelcoatplus@buefa.de  
www.buefa.com  
www.buefagelcoatplus.com

A company of BÜFA and DSM Composite Resins



The information given above is based on our current state of knowledge and experience. In view of the many factors that may influence working conditions and the application of our products, the user is not relieved from carrying out his own tests and experiments. Not legally binding warranty of certain properties or suitability for a particular purpose can be derived from this information. It is the responsibility of the receiver or user of the products to observe proprietary rights as well as existing laws and regulations. The latest version of the corresponding EU safety data sheet must also be observed.

You'll find technical data sheets and further information at  
[www.buefagelcoatplus.com](http://www.buefagelcoatplus.com).