

## BÜFA®-Firestop GC S 260-SV Nature

Fire Protection Gelcoat, spraying quality

Prod. No. 714-2600

**Product description** BÜFA®-Firestop GC S 260-SV Natural is a pre-accelerated, unpigmented gelcoat in a spraying consistence. The gelcoat is halogen-free and based on an unsaturated polyester resin dissolved in styrene. Thanks to a precisely coordinated combination of special flame retarding additives, this gelcoat has outstanding fire protection properties.

BÜFA®-Firestop GC S 260-SV Natural is a gelcoat that reliably protects UP resins behind laminates from flames. In spite of these properties, if higher requirements are placed on fire protection, a fire retarding UP resin should be used in addition.

**Applications** BÜFA®-Firestop GC S 260-SV Natural can be used for facade panels, fire protection doors, laboratory and ship doors, rail vehicles, wagon construction. Application to other objects must be clarified prior to use in each individual case.

Specifications / technical data	Property	Test method	Value	Unit
	Density at 20 °C	DIN 53 217/2	approx. 1,25	g/ml
	Viscosity at 20 °C Brookfield RV/DV-II Spl 4 rpm 4	ISO 2555	8 000 - 15 000	mPas
	Styrene content		17 - 20	%
	Flash point	DIN 53 213	+ 32	°C

**Curing** **Reactivity:**  
**BÜFA method in accordance with DIN 16 945 6.2.2.1**  
 (100 g gelcoat + 2 ml Butanox M-50)

20 - 30 °C	9 - 14 min
20 °C - Tmax	30 - 40 min
Tmax	80 - 105 °C

**Gel time at 20 °C in a 100 g cup with 2 ml Butanox M-50:** 9 - 14 min

**Attention!**  
 The information given above refers exclusively to the use of the catalyst named and the quantity specified. The use of different products or differing quantities may yield different results.

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## Colouring

BÜFA®-Firestop GC S 260-SV Natural can be supplied in most RAL colours and a number of other shades of colour. If there is sufficient order volume, colour matching is possible. However, because this gelcoat contains flame retarding agents, stronger deviations in colour than normal must be taken into account.

## Directions for use

Our release agent system BF 500 /BF 700 has been tested and successfully used with this gelcoat. Before using other release agents, they should be tested for suitability under practical conditions.

If circumstances permit, we recommend post-curing the moulded part for 6 hours at approx. + 75 °C to achieve optimal gelcoat properties. Stir the gelcoat gently before using. For more information on working and curing, see the notes in our technical information leaflet, "Working with BÜFA®-Gelcoats".

The thickness of the wet film should not be less than 600 µm at any place. After approx. 1-2 hours, laminating can be carried out with a sound bond. We recommend a suitable protective varnish for objects that will be subjected to outdoor weather which should be coordinated with our Technical Service Department.

## Note:

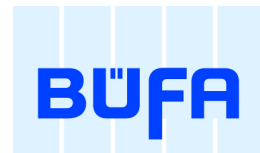
The thickness of the laminate and its entire construction, including any top coats, varnishes, applications, sandwich components, etc. also have a decisive influence on fire behaviour. Always remember that individual component tests are mandatory for most applications.

## Storage/Handling

This product must be stored cool in closed containers, protected from sunlight. Shelf-life is at least 3 months in unopened, original containers stored up to a temperature between 5 and 20 °C. Avoid frost. Higher temperatures reduce self-life. Gel and curing times may change with increasing duration of storage.

## Former product name

722-0115 BÜFA®-Firestop S 260 SV-natural.



Gelcoat Plus

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Note: 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. No 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 our 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.

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