

# BÜFA®-FIRESTOP BARRIERCOAT

UP Fire Protection Barriercoat, spraying quality

Prod. No. 7150708

## Product description

BÜFA®-Firestop Barriercoat is a flame retarding barrier coat in a spraying consistence. It is based on a special, elasticised mixture of unsaturated isophthalic acid polyester resins dissolved in styrene and MMA. This barrier coat is pre-accelerated and contains less styrene than most in this category. Its fire protection properties are achieved by the addition of ATH and special additives ensure low smoke density in case of fire. In layer thicknesses normally used for gelcoats (500 - 800 µm), it does not essentially influence the behaviour of the laminating resin under fire. BÜFA®-Firestop Barriercoat is applied behind the gelcoat and is only used to produce a smoother surface.

BÜFA®-Firestop Barriercoat is halogen-free and does not contain any additives on a phosphorus or nitrogen base that could negatively influence weather resistance. Because of the fillers it contains, a slight premature loss of gloss on the surface may be observed.

BÜFA®-Firestop Barriercoat is highly elasticised.

## Applications

BÜFA®-Firestop Barriercoat can be used for moulded parts used indoors and outdoors that are subjected to normal loads.

## Specifications / technical data

Property	Test method	Value	Unit
Density at 20 °C	DIN 53 217/2	1,25 - 1,35	g/ml
Viscosity at 20 °C Brookfield RV/DV-II Spl 5. rpm 5.	ISO 2555	20 000 - 30 000	mPas
Monomere content		21 - 24	%
Flash point	DIN 53 213	27	°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	10 - 15 min
20 °C - Tmax	30 - 50 min
Tmax	80 - 120 °C

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

10 - 15 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.

### **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 of 20 °C. Gel and curing times may change with increasing duration of storage.

**Former product name**      700-0708 BÜFA®-Firestop Barriercoat

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.

BÜFA Composite Systems GmbH & Co. KG  
Hohe Looge 2-8  
26180 Rastede  
GERMANY  
Phone +49 4402 975-0  
Fax +49 4402 975-300  
compositesystems@buefa.de  
www.buefa.de  
www.buefacompositesystems.com

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