

BLAZEBAN FR

Waterborne fire retardant solution for exterior and interior wooden surfaces (clear & tintable)

EUROCLASS FIRE RATING
B-s1, d0

1. PRODUCT OVERVIEW & APPLICATIONS

Recommended Uses	Cladding, panelling, CLT, battens, spruce
Application Scope	Industrial DIY On-site Off-site
Appearance / Color	Transparent (clear), tintable
Topcoats	No topcoats
Thinning	No thinning (ready to use)

2. TECHNICAL & ENVIRONMENTAL DATA

Weight Solids	23 w-%
Density	1.15 g/cm³
VOC Content	2.5 g/l (Very low)
Compliance & Certs	EPD M1 A+ LEED BREEAM
Waste Treatment	Does not need to be treated as hazardous waste
Health & Safety	Refer to Safety Data Sheet (SDS)

Surface Preparation & Cutting:

Wood must be clean and free of dust, dirt, and loose particles. Planed surfaces must be tested first due to limited absorption. If treated wood products are cut on-site, all exposed cut areas must be thoroughly retreated with BlazeBAN FR.

3. APPLICATION GUIDELINES

Application Rate	200 ml/m² (approx. 230 g/m²)
Industrial Methods	Air-mix spray, airless spray, brush line, flow coating
Manual Methods	Brush, roller, spray, immersion
Pre-use Instructions	Sufficient mixing required before and during use
Cleaning Equipment	Water immediately after use

4. CONDITIONS & DRYING TIMES

Product / Air Temp.	15 – 50 °C
Relative Humidity	20 – 70% RH
Wood Moisture	8 – 25%
Drying (+55°C, 60% RH)	15 – 25 minutes
Drying (+18°C, 60% RH)	30 – 120 minutes
Final Drying	48 hours (+18°C, 60% RH)

Storage & Shelf Life:

Store at +5°C to +25°C, protected from direct sunlight. **Must not freeze.**
Shelf life: **12 months** (clear product) / **3 months** (tinted product) in unopened packaging. Opened packages have reduced shelf life.

IMPORTANT NOTICE & LEGAL DISCLAIMER

The suitability of the treatable material shall be inspected by the manufacturer with respect to his/her requirements regarding quality, color, and the like, e.g. by a sample staining. The instructions and values in this technical data sheet are based on information obtained from laboratory tests and trials, as well as information obtained from actual applications. BlazeBAN is responsible for ensuring that the quality of the product complies with BlazeBAN's quality system.

Furthermore, the information given does not represent any warranty of any characteristics and thus does not represent a contractual obligation regarding the product. Additionally, the information does not claim any completeness and it is given without any warranties. BlazeBAN is not liable for damages resulting from incorrect or improper use of the fire protection product. BlazeBAN is also not responsible for fire protection treatment, as the conditions and methods of fire protection treatment vary. The prevailing conditions and methods related to fire protection must always be documented in accordance with the instructions of BlazeBAN and the authorities.