

# TEKNOSAFE FLAME PROTECT 2468-00

## Fire retardant topcoat

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<b>TYPE</b>	TEKNOSAFE FLAME GUARD 2468-00 is a water borne fire retardant topcoat for interior solid wood panelling and cladding, and wood-based panels.
<b>USE</b>	Used as an industrial fire retardant topcoat as part of a system called Teknos FR Panel with TEKNOSAFE FLAME GUARD 2467-10 to improve "reaction to fire" (EN 13501-1) of interior wooden surfaces. Before using the product, Teknos should be contacted to check the suitability of the product for the object in question.
<b>SPECIAL PROPERTIES</b>	Fire retardant performance have been classified according to B-s1, d0 EN 13501-1 (SBI test) as part of the FR panel system.

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### TECHNICAL DATA

<b>Density</b>	Approx. 1.1 g/ml
<b>Solids</b>	37 ±2% by volume 30 ±2% by weight
<b>Volatile organic compound (VOC)</b>	See Safety Data Sheet.
<b>Substrate</b>	Solid wood or wood-based panels with thickness > 8 mm and density ≥ 338 kg/m <sup>3</sup> when taken in conjunction with the relevant fire classification report.
<b>Classified treatment systems</b>	To stay within the classification obtained the treatment systems must be: <ul style="list-style-type: none"><li>- TEKNOSAFE FLAME GUARD 2467-10 with industrially applied topcoat TEKNOSAFE FLAME PROTECT 2468-00</li></ul>
<b>Theoretical spreading rate</b>	The classification is made with ≥200 g/m <sup>2</sup> TEKNOSAFE FLAME GUARD 2467-10 with ≤80 g/m <sup>2</sup> TEKNOSAFE FLAME PROTECT 2468-00.
<b>Drying time +23°C/50% RH</b>	
- Dry to handle	1-2 hours drying
- Through dry	Min. 4 hours
	Increase in the film thickness and rise in the relative humidity of the air in the drying space will usually impede the drying process.
	When using accelerated drying ask for the instructions from the manufacturer.
<b>Thinner, clean up</b>	Water
<b>Finish</b>	Matt
<b>Colours</b>	Clear and Base T (all colours) – part of TEKNOCOLOR tinting system.
<b>Pack size</b>	18 l – ID 2698359 TEKNOSAFE FLAME PROTECT 2468-00
<b>Storage</b>	Must not freeze. The best storage temperature is between +10°C and +25°C.
<b>HEALTH AND SAFETY</b>	See Safety Data Sheet.

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**DIRECTION FOR USE****Surface preparation**

The wood must be clean and free from wood dust and contamination. The moisture content of the wood should be approx. 10 % and should not exceed 12 %.

**Application conditions**

The temperature of the air, the surface and the paint shall be above +10°C and the relative humidity of the air below 80% during the time of application and drying. The best result is achieved when the temperature of the air is between +23°C and +38 °C, the relative humidity of the air is 50–70% and the ventilation good.

**Application**

Stir the paint thoroughly before use. Preferably used mechanical stirring.  
Apply industrially by spray.

Apply by airless or airmix spray.

Airless spray nozzle (flat) 0.28 mm, pressure 120–150 bar.

Airmix spray nozzle (flat) 0.28 mm, pressure 80–100 bar and air support 1–1.5 bar.

**ADDITIONAL INFORMATION**

For all coated solid wood or wood-based panels, a non-marking protective layer of minimum 1.5 mm thickness (e.g., polyethylene film) is recommended to be used between coated surfaces.

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The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage [www.teknos.com](http://www.teknos.com).

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