TECHNICAL DATA SHEET
1   05.01.2021

TEKNOSAFE FLAME GUARD 2467-10
Intumescent primer or paint

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

TECHNICAL DATA

Density	Approx. 1.26 g/ml
Solids	52 ±2% by volume 62 ±2% by weight
Volatile organic compound (VOC)	See Safety Data Sheet.
Substrate	Solid wood or wood-based panels with thickness > 8 mm and density ≥ 338 kg/m³ when taken in conjunction with the relevant fire classification report.
Classified treatment systems	To stay within the classification obtained the treatment systems must be: - TEKNOSAFE FLAME GUARD 2467-10 without topcoat, or - TEKNOSAFE FLAME GUARD 2467-10 with industrially applied topcoat TEKNOSAFE FLAME PROTECT 2468-00
Theoretical spreading rate	The classification is made with ≥200 g/m² TEKNOSAFE FLAME GUARD 2467-10 with or without ≤80 g/m² TEKNOSAFE FLAME PROTECT 2468-00.
Drying time +23°C/50% RH **- touch dry**	After 20–30 min.
- overcoatable	After at least 4 hours. TEKNOSAFE FLAME GUARD 2467-10 must be through-dry before application of the topcoat. 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.
Thinner, clean up	Water
Finish	Matt
Colours	Clear and Base T (all colours) – part of TEKNOCOLOR tinting system.
Pack size **Storage**	18 l – ID 2698359 TEKNOSAFE FLAME PROTECT 2468-00 Must not freeze. The best storage temperature is between +10°C and +25°C.
HEALTH AND SAFETY	See Safety Data Sheet.

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 It is recommended to overcoat TEKNOSAFE FLAME GUARD 2467-10 with e.g., TEKNOSAFE FLAME PROTECT 2468-00 in cases where the surfaces concerned must be washable, or where a certain haptic is expected (e.g., wooden walls or frequently cleaned ceiling or panels).

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.