

TECHNICAL DATA SHEET
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TEKNOSAFE 2467-00

Intumescent primer or paint

TYPE	TEKNOSAFE 2467-00 is a water borne intumescent primer or paint for non-weathered wood wall and ceiling boards.
USE	Used as an industrial primer or paint to improve "reaction to fire" (EN 13501-1) of non-weathered wooden surfaces. TEKNOSAFE 2467-00 is included in a coating system called Teknos FR Panel, in which only 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 properties have been classified according to B-s1, d0 EN 13501-1 (SBI test). Durability classes of reaction to fire performance, of fire-retardant wood-based product in end use applications according to EN 16755 (CEN/TS 15912 – DRF class INT1 and INT2).

TECHNICAL DATA

Density	Approx. 1.24 g/ml
Solids	50 ±2% by volume 60 ±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/m ³ .
Classified treatment systems	To stay within the classification obtained the treatment systems must be: <ul style="list-style-type: none"> - TEKNOSAFE 2467-00 without topcoat, or - TEKNOSAFE 2467-00 with industrially applied topcoat TEKNOCLEAR AQUA 1331-01 (ID 2560953)
Theoretical spreading rate	The classification is made with ≥200 g/m ² TEKNOSAFE 2467-00 and ≤100 g/m ² TEKNOCLEAR AQUA 1331-01.
Drying time +23°C/50% RH	
- touch dry	After 20–30 min.
- overcoatable	After at least 6 hours. TEKNOSAFE 2467-00 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
Storage	Must not freeze. The best storage temperature is between +10°C and +25°C.

HEALTH AND SAFETY See Safety Data Sheet.

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DIRECTION FOR USE**Surface preparation**

The surface must be clean and dry.

The moisture content of the wood is to be below 20%.

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 2467-00 with TEKNOCLEAR AQUA 1331-01 (ID 2560953) in cases where the surfaces concerned must be washable, are under cover outdoor, or where a certain haptic is expected (e.g. wooden walls, wet rooms or exterior surfaces under shelter).

Stir the paint thoroughly before use.

Apply industrially by spray.

Apply by airless or airmix spray.

Airless spray nozzle (flat) 0.28 mm, pressure 100–110 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.

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.
