



Maintenance of Fire Treated INTERIOR PANELS and BOARDS

# TEKNOSAFE FLAME GUARD 2457-10

TEKNOSAFE FLAME GUARD 2457-10 is an intumescent primer from Teknos, with the fire retardant (FR) properties classified B-s1, d0 according to EN 13501-1, the highest possible for wood based substrates. DRF Class INT1 & INT2 according to EN 16755.



**GUIDE FOR CARE  
AND MAINTENANCE**



# YOUR PANELS OR BOARDS HAVE BEEN FIRE TREATED

Your interior panels or boards have been fire treated in accordance with Teknos' classification documentation. Here is a summary of the Teknos products on your panels or boards.

TEKNOS PRODUCT	DESCRIPTION
TEKNOSAFE FLAME GUARD 2457-10	An intumescent coating primer (opaque all colours)
TEKNOSAFE FLAME PROTECT 2458-00	Final topcoat that safeguards the fire retardant coating (opaque all colours)

## CARE AND MAINTENANCE

Your product has been coated with a Teknos, factory applied FR coating system and will give many years of service life between maintenance cycles.

Simple steps such as wiping down the surface with a soft cloth or soft brush to remove dust and surface contamination will extend the decorative finish. All exposed coated surfaces must be regularly inspected and maintained at the appropriate intervals.

Providing the fire treated panels and boards were subject to all appropriate installation best practices that follow local building regulations, as well as an assessment of the intended end use as specified by Teknos, the following guidance can be used:

### SPECIFIC MAINTENANCE INTERVALS

These will vary and are dependant on a variety of factors, including but not limited to fluctuations in ambient humidity, surface stress from high traffic, mechanical damage, excessive or abrasive cleaning with water or chemical agents such as cleaning fluids.

### EXPECTED MAINTENANCE INTERVALS

Up to 10 years. It is important to note, this advice cannot be interpreted as a guarantee, but is a reasonable guide for the expected service life of the coating, applied coating system and its performance.

### REPAINTING

**Moisture**  
If the relative humidity or moisture content of the panels or boards is too high, problems such as coating adhesion, extended drying and film blushing may occur. Moisture in the panels or boards should not exceed 12% and the relative humidity must not exceed 75%.

**Temperature**  
The air temperature and the surface temperature of the panels or boards must not be below 10°C. Do not paint in direct sunlight, even inside a building.



## MAINTENANCE INSTRUCTIONS

THE PROPERTY OWNER MUST INSPECT THE FIRE TREATED PANELS OR BOARDS EVERY YEAR.

All physical damage to the coated surface must be repaired immediately, both to reinstate the fire retardant properties, and to ensure continued protection and durability to the coated substrate.



### IF THE FIRE RETARDANT TREATMENT IS NOT MISSING

#### PREPARATION

Gently clean down the surface with a damp microfibre cloth, if necessary use a mild detergent solution and rinse well (not with high pressure) to remove dust and contaminants – if required fine sanding (grit > 240) can be used before removing dust and other contaminants.

Ensure that the cleaned surface is completely dry before applying the maintenance layer of coating.

#### PAINTING

Apply by brushing one layer of TEKNOSAFE FLAME PROTECT 2458-00.

Final note: It is recommended to keep a log book both referring to the yearly inspection (see section "Care and Maintenance") and to surface maintenance carried out.

### IF THE FIRE RETARDANT TREATMENT IS PARTLY DAMAGED OR MISSING

#### PREPARATION

Abrade any damaged areas with a fine sanding paper (180-240 grit) to remove all unsound coating and feather out to leave a smooth surface.

Gently clean down the surface with a damp microfibre cloth, if necessary use a mild detergent solution and rinse well (not with high pressure) to remove dust and contaminants – if required fine sanding (grit > 240) can be used before removing dust and other contaminants.

Ensure that the cleaned surface is completely dry before applying the maintenance layers of coating.

#### PAINTING

Apply by brush, two layers of TEKNOSAFE FLAME GUARD 2457-10, ensuring that 250 g/m<sup>2</sup> is applied to reinstate the required film build for fire performance.

Then, if TEKNOSAFE FLAME GUARD 2457-10 was originally protected by a layer of TEKNOSAFE FLAME PROTECT 2458-00, apply one layer of TEKNOSAFE FLAME PROTECT 2458-00 by brush.

Final note: It is recommended to keep a log book both referring to the yearly inspection (see section "Care and Maintenance") and to surface maintenance carried out.

# WE MAKE THE WORLD LAST LONGER

Teknos is a global coatings company with operations in more than 20 countries in Europe, Asia, and the USA. The company employs approximately 1,800 people, and the net sales for 2020 was EUR 384 million. Teknos is one of the leading suppliers of industrial coatings with a strong position in retail and architectural coatings.

Teknos wants to make the world last longer by providing smart, technically advanced paint and coating solutions to protect and prolong. Teknos always works in close cooperation with its customers. Teknos was established in 1948 and is one of Finland's largest family-owned businesses.

For further information, visit [www.teknos.com](http://www.teknos.com).

Note: The products referred to in this document are intended for professional use and may only be used by persons with adequate training and experience. The recommendations provided in the document are based on conditions known at the time of issue and applicable local building codes or other applicable standards. The information is not compulsory and not intended to be exhaustive. The use of the products must always be done in a professional manner and with due care. TEKNOS disclaims all liability for damage resulting from non-professional or negligent use. Note that this version may be older than the latest version.

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