

FR SYSTEM SPECIFICATION

FIRE PROTECTION

Interior Fire Retardant Translucent/Clear System for Wood

A fully factory applied fire retardant translucent or clear coating system for any substrate of all wood products meeting EN 13238 (panels according to EN 13986 or solid wood EN 14915, NB-CPR/SH02/19/832r2 paragraph 5.2.4) and class D-s2,d0 or better.

		0100		EN13501-1 B-s1,d0		
	LAYER 1 PRIMER	LAYER 2 Top coat	SPECIFICATION FOR	BATTEN MOUNTED	WOOD MOUNTED	PLASTER BOARD MOUNTED
PRODUCT	TEKNOSAFE FLAME GUARD	TEKNOSAFE FLAME PROTECT	COLOUR Profiles	All colours		
DECOMMENDED	2467-10	2467-10 2468-00		see SH02 ref 5.2.4		
RECOMMENDED APPLICATION	Spray	Spray Spray		Horizontal and vertical		
METHOD				Woodbased material (EN13986): vertically or horizontally		
APPLICATION Temperature	Minimum 10°C		AIR GAPS	Wooden panels (EN14915): vertically Mounted with or without an unventilated air gap. The substrate behind the product shall consist of mineral wool with euroclass A1 and a thickness of at least 20 mm and a density ≥		
WET FILM				38 kg/m3 or a gypsum plasterboard (paper faced) or any end use substrate of Euroclass A1 or A2-s1,d0 at least 10 mm thick having a density ≥ 510 kg/m3. Wood or – non-combustible		
THICKNESS (G/M ²)	≥250	≤100	BATTENS MATERIAL			
OVERCOAT TIME	4 hours	N/A	FIXING		Mechanically	
23°C, 50% RH			THICKNESS (MM)	18	8	8
EQUIPMENT Cleaner	Water	Water	DENSITY ((KG/M³)	433	338	338
Further information Moisture content of the wood must be 10-12% Further product information can be found in the Technical Datasheets at teknos.com			CONSTRUCTION	Battens	The first substrate shall be mounted direct to a second substrate of wood in accordance to EN 13986 of at least Euroclass D-s2,d0 with a thickness of at least 10 mm and having a density of: ≥ 510 kg/m3.	The first substrate shall be mounted direct to a second substrate of gypsum plaster board (paper faced) or any end use substrate of Euroclasses A1 or A2-s1,d0 at least 10 mm thick having a density ≥ 510 kg/m3.

TEKNOS GROUP OY Takkatie 3 PO Box 107 FI-00370 Helsinki T +358 9 506 091 sales@teknos.com Ref: 0059_V2 The use of an alternative topcoat could have negative impact on the stated fire classification. Contact Teknos for further information

www.teknos.com



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				REPORT	EN13501-1		
			0100	352-147289-10rev1	B-s1,d0		
	LAYER 1 PRIMER	LAYER 2 Top coat		SPECIFICATION FOR	BATTEN MOUNTED	WOOD MOUNTED	PLASTER BOARD MOUNTED
PRODUCT	TEKNOSAFE FLAME GUARD	UVILUX 651		COLOUR	All colours		
RECOMMENDED	2467-10			PROFILES	see SH02 ref 5.2.4		
APPLICATION	Spray	Roller		JOINTS	Horizontal and vertical		
METHOD				MOUNTING ORIENTATION	Woodbased material (EN13986): vertically or horizontally Wooden panels (EN14915): vertically		
APPLICATION Temperature	Minimum 10°C			AIR GAPS	Mounted with or without an unventilated air gap. The substrate behind the product sha consist of mineral wool with euroclass A1 and a thickness of at least 20 mm and a densit		, bstrate behind the product shall of at least 20 mm and a density ≥
WET FILM Thickness (g/m²)	≥250	≤12		BATTENS MATERIAL	38 kg/m3 or a gypsum plasterboard (paper faced) or any end use substrate of Euroclass A1 o A2-s1,d0 at least 10 mm thick having a density ≥ 510 kg/m3. Wood or – non-combustible		
OVERCOAT TIME	4 hours	N/A		FIXING	Mechanically		
23°C, 50% RH				THICKNESS (MM)	18	8	8
EQUIPMENT Cleaner	Water	Water		DENSITY (KG/M³)	433	338	338
Further information Moisture content of the wood must be 10-12% Further product information can be found in the Technical Datasheets at teknos.com				CONSTRUCTION	Battens	The first substrate shall be mounted direct to a second substrate of wood in accordance to EN 13986 of at least Euroclass D-s2,d0 with a thickness of at least 10 mm and having a density of: ≥ 510 kg/m3.	The first substrate shall be mounted direct to a second substrate of gypsum plaster board (paper faced) or any end use substrate of Euroclasses A1 or A2-s1,d0 at least 10 mm thicl having a density ≥ 510 kg/m3.
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		0	REPORT 100352-147289-10rev1	EN13501-1 B-s1,d0		
	LAYER 1 PRIMER	LAYER 2 Top coat	SPECIFICATION FOR	BATTEN MOUNTED	WOOD MOUNTED	PLASTER BOARD MOUNTED
PRODUCT	TEKNOSAFE FLAME TEKNOCOAT AQUA GUARD 1864-62			All colours		
RECOMMENDED	2467-10		PROFILES		see SH02 ref 5.2.4	
APPLICATION	Spray	Spray	JOINTS	Horizontal and vertical		
			MOUNTING ORIENTATION	Woodb	Woodbased material (EN13986): vertically or horizontally Wooden panels (EN14915): vertically	
APPLICATION Temperature	Minimum 10°C		AIR GAPS	Mounted with or without an unventilated air gap. The substrate behind the product shall consist of mineral wool with euroclass A1 and a thickness of at least 20 mm and a density ≥		
WET FILM Thickness (g/m²)	≥250	≤45	BATTENS MATERIAL	38 kg/m3 or a gypsum plasterboard (paper faced) or any end use substrate of Euroclass A1 or A2-s1,d0 at least 10 mm thick having a density ≥ 510 kg/m3. Wood or – non-combustible		
OVERCOAT TIME	4 hours	N/A	FIXING	Mechanically		
23°C, 50% RH			THICKNESS (MM)	18	8	8
EQUIPMENT Cleaner	Water	Water	DENSITY (KG/M³)	433	338	338
Further information Moisture content of the wood must be 10-12% Further product information can be found in the Technical Datasheets at teknos.com			CONSTRUCTION	Battens	The first substrate shall be mounted direct to a second substrate of wood in accordance to EN 13986 of at least Euroclass D-s2,d0 with a thickness of at least 10 mm and having a density of: ≥ 510 kg/m3.	The first substrate shall be mounted direct to a second substrate of gypsum plaster board (paper faced) or any end use substrate of Euroclasses A1 or A2-s1,d0 at least 10 mm thick having a density ≥ 510 kg/m3.
TEKNOS GROUP OY Tal PO Box 107 FI-00370 Helsinki T +3 sales@teknos.com _{Ref: 0059_V2}			The use of an alternative t negative impact on the state Contact Teknos for furtl	d fire classification.		www.teknos.com