

A fully factory applied fire retardant opaque 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.

REPORT	EN13501-1
K100/2023	B-s1,d0

	LAYER 1 PRIMER	LAYER 2 TOP COAT	SPECIFICATION FOR	BATTEN MOUNTED	WOOD MOUNTED	PLASTER BOARD MOUNTED
	PRODUCT	TEKNOSAFE FLAME GUARD 2457-10	TEKNOSAFE FLAME PROTECT 2458-00	COLOUR	All opaque colours	
RECOMMENDED APPLICATION METHOD	Spray	Spray	PROFILES	see SH02 ref 5.2.4		
APPLICATION TEMPERATURE	Minimum 10°C		JOINTS	Horizontal and vertical		
WET FILM THICKNESS (G/M²)	≥250	≤100	MOUNTING ORIENTATION	Woodbased material (EN13986): vertically or horizontally Wooden panels (EN14915): vertically or horizontally		
OVERCOAT TIME 23°C, 50% RH	4 hours	N/A	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 ≥ 38 kg/m ³ 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/m ³ .		
EQUIPMENT CLEANER	Water	Water	BATTENS MATERIAL	Wood or – non-combustible		
Further information	Moisture content of the wood must be 10-12% Further product information can be found in the Technical Datasheets at teknos.com		FIXING	Mechanically		
			THICKNESS (MM)	10 18	8	8
			DENSITY (KG/M³)	510 433	338	338
			CONSTRUCTION	Battens 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/m ³ .	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/m ³ .

The use of an alternative topcoat could have negative impact on the stated fire classification.
Contact Teknos for further information

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	LAYER 1 PRIMER	LAYER 2 TOP COAT	SPECIFICATION FOR	PLASTER BOARD OR WOOD MOUNTED	PLASTER BOARD MOUNTED
	PRODUCT	TEKNOSAFE FLAME GUARD 2457-10		TEKNOCOAT AQUA 1864-62	COLOUR
RECOMMENDED APPLICATION METHOD	Spray	Spray	PROFILES	see SH02 ref 5.2.4	
APPLICATION TEMPERATURE	Minimum 10°C		JOINTS	Horizontal and vertical	
WET FILM THICKNESS (G/M²)	≥258	≤50	MOUNTING ORIENTATION	Vertically or horizontally	
OVERCOAT TIME 23°C, 50% RH	4 hours	N/A	FIXING	Mechanically	
EQUIPMENT CLEANER	Water	Water	THICKNESS (MM)	8	10
			DENSITY (KG/M³)	338	510
			AIR GAPS	No air gap	With or without ventilated or non-ventilated air gap
			BATTENS MATERIAL	N/A	Wood or – non-combustible
			CONSTRUCTION	With the substrate mounted directly on to a 2nd substrate of any A1 or A2-s1,d0 products with min. 12 mm thickness, min. 510 kg/m ³ density or any wood product with min. 12 mm thickness and, min. 510 kg/m ³ density of D-s2, d0 or better	Mounted with a non-ventilated air gap to a 2nd substrate of any A1 or A2-s1,d0 and with the air gap constructed by wooden battens of class D-s2,d0 or better or any A1 or A2-s1,d0 product with a minimum density of 525 kg/m ³ .

Further information

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	LAYER 1 PRIMER	LAYER 2 TOP COAT	SPECIFICATION FOR	PLASTER BOARD OR WOOD MOUNTED	PLASTER BOARD MOUNTED
	PRODUCT	TEKNOSAFE FLAME GUARD 2457-10		UVILUX 651	COLOUR
RECOMMENDED APPLICATION METHOD	Spray	Roller	PROFILES	see SH02 ref 5.2.4	
APPLICATION TEMPERATURE	Minimum 10°C		JOINTS	Horizontal and vertical	
WET FILM THICKNESS (G/M²)	≥258	≤11	MOUNTING ORIENTATION	Vertically or horizontally	
OVERCOAT TIME 23°C, 50% RH	4 hours	N/A	FIXING	Mechanically	
EQUIPMENT CLEANER	Water	Water	THICKNESS (MM)	8	10
			DENSITY (KG/M³)	338	510
			AIR GAPS	No air gap	With or without ventilated or non-ventilated air gap
			BATTENS MATERIAL	N/A	Wood or – non-combustible
			CONSTRUCTION	With the substrate mounted directly on to a 2nd substrate of any A1 or A2-s1,d0 products with min. 12 mm thickness, min. 510 kg/m ³ density or any wood product with min. 12 mm thickness and, min. 510 kg/m ³ density of D-s2, d0 or better	Mounted with a non-ventilated air gap to a 2nd substrate of any A1 or A2-s1,d0 and with the air gap constructed by wooden battens of class D-s2,d0 or better or any A1 or A2-s1,d0 product with a minimum density of 525 kg/m ³ .

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