

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.

<b>REPORT</b>	<b>EN13501-1</b>
0100352-147289-15rev1	B-s1,d0

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

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

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<b>REPORT</b>	<b>EN13501-1</b>
K03/2021	B-s1,d0

	LAYER 1 PRIMER	LAYER 2 TOP COAT	SPECIFICATION FOR	PLASTER BOARD OR WOOD MOUNTED	PLASTER BOARD MOUNTED
	<b>PRODUCT</b>	TEKNOSAFE FLAME GUARD 2457-10		TEKNOCOAT AQUA 1864-62	<b>COLOUR</b>
<b>RECOMMENDED APPLICATION METHOD</b>	Spray	Spray	<b>PROFILES</b>	see SH02 ref 5.2.4	
<b>APPLICATION TEMPERATURE</b>	Minimum 10°C		<b>JOINTS</b>	Horizontal and vertical	
<b>WET FILM THICKNESS (G/M<sup>2</sup>)</b>	≥258	≤50	<b>MOUNTING ORIENTATION</b>	Vertically or horizontally	
<b>OVERCOAT TIME 23°C, 50% RH</b>	4 hours	N/A	<b>FIXING</b>	Mechanically	
<b>EQUIPMENT CLEANER</b>	Water	Water	<b>THICKNESS (MM)</b>	8	10
			<b>DENSITY (KG/M<sup>3</sup>)</b>	338	510
			<b>AIR GAPS</b>	No air gap	With or without ventilated or non-ventilated air gap
			<b>BATTENS MATERIAL</b>	N/A	Wood or – non-combustible
			<b>CONSTRUCTION</b>	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 <sup>3</sup> density or any wood product with min. 12 mm thickness and, min. 510 kg/m <sup>3</sup> 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 <sup>3</sup> .

**Further information**

Moisture content of the wood must be 10-12%  
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K03/2021	B-s1,d0

	LAYER 1 PRIMER	LAYER 2 TOP COAT	SPECIFICATION FOR	PLASTER BOARD OR WOOD MOUNTED	PLASTER BOARD MOUNTED
	<b>PRODUCT</b>	TEKNOSAFE FLAME GUARD 2457-10		UVILUX 651	<b>COLOUR</b>
<b>RECOMMENDED APPLICATION METHOD</b>	Spray	Roller	<b>PROFILES</b>	see SH02 ref 5.2.4	
<b>APPLICATION TEMPERATURE</b>	Minimum 10°C		<b>JOINTS</b>	Horizontal and vertical	
<b>WET FILM THICKNESS (G/M<sup>2</sup>)</b>	≥258	≤11	<b>MOUNTING ORIENTATION</b>	Vertically or horizontally	
<b>OVERCOAT TIME 23°C, 50% RH</b>	4 hours	N/A	<b>FIXING</b>	Mechanically	
<b>EQUIPMENT CLEANER</b>	Water	Water	<b>THICKNESS (MM)</b>	8	10
			<b>DENSITY (KG/M<sup>3</sup>)</b>	338	510
			<b>AIR GAPS</b>	No air gap	With or without ventilated or non-ventilated air gap
			<b>BATTENS MATERIAL</b>	N/A	Wood or – non-combustible
			<b>CONSTRUCTION</b>	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/m3 density or any wood product with min. 12 mm thickness and, min. 510 kg/m3 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/m3.

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