

You can use this table by working your way through the columns from either the left or the right side. If you have a defined wood-species you start from the left, then you choose a paint-system of your preference, and you will get a fire-class. The other scenario is starting from the right if you have a defined fire-class, then you can work your way towards the left, to see which wood-species you can choose between. if you are looking for indoor systems, choose the blue fire-class ratings, and work your way to the left to find suitable paints and wood-species.

WOOD	surface	Density	backing	fixation	fireclass before paint	KOLOMORE paint system	color schemes	dimension	INDOOR	fireclass after painting	norm	durability	CE-marked EN 14915 after painting	aftermarket
solid or glulam spruce	planed, finesawn, paintcut or brushed	density must be over 338 KG/m ³	>12mm A1 and A2-s1,d0, ventilated or non-ventilated depending on system and number of sides coated	mechanically (vertically or horizontally)	D-s2,d0	TEKNOS FR PANEL system, ≥350 g/m ² TEKNOSAFE 2407-00 all sides +≤100 g/m ² TEKNOCCLAD 3370/3371 topcoat on visible sides.	all opaque colors	≥19mm ≤57mm	not applicable	B-s1,d0 SP-105	EN13501-1	EN16755		can be maintained and keep fire classification
solid or glulam spruce	planed, finesawn, paintcut or brushed					TEKNOS FR PANEL system, ≥350 g/m ² TEKNOSAFE 2407-00 all sides +≤150 g/m ² TEKNOSAFE FLAME PROTECT 2408-00 topcoat on visible sides.	all opaque colors	≥19mm ≤57mm	not applicable	B-s1,d0 SP-105	EN13501-1	EN16755		can be maintained and keep fire classification
all wood species w. density >338 KG/m ³ , and thermo pine	finesawn and rough					NORDTREAT NORFLAM W312>350 g/m ² on 4 sides	coloured semi-translucent	>9mm	not applicable	B-s1,d0	EN13501-1			can be maintained and keep fire classification
any wooden substrate with density >338 KG/m ³ (incl. CLT, LVL and glulam)	finesawn, rough, paintcut or rough sanded					NORDTREAT NT Deco, >350 g/m ² on 4 sides	coloured semi-translucent or clear finish.	>18mm	not applicable	B-s1,d0	EN13501-1			can be maintained and keep fire classification
MDF, plywood, osb, oak, ash, pine	finesawn, rough, paintcut					NORDTREAT NORFLAM W212, >350 g/m ² on 4 sides (or 3 sides with no airgap behind)	wide range of translucent colors and clear	>9mm	INT1/INT2	B-s1,d0	EN13501-1			not to have maintenance, for indoor use only
any wooden substrate with density >338 KG/m ³ (incl. CLT, LVL and glulam)	finesawn, rough, paintcut or rough sanded					NORDTREAT NT Deco, >350 g/m ² on 4 sides	coloured semi-translucent or clear finish.	>18mm	M1, LEED v4, BREEAM A+, AgBB	B-s1,d0	EN13501-1			not to have maintenance, for indoor use only
plywood, OSB, MDF and similar	planed (and sanded), finesawn, paintcut or brushed					NORDTREAT Norflam TP (gives fire-protection only, not a resistant surface) >200 g/m ² on 4 sides + 220 g/m ² NORFLAM TP01 on visible side.	clear baselayer + coloured semi-translucent or clear finish.	>9mm	M1, Eurofins GOLD®	B-s1,d0	EN13501-1			not to have maintenance, for indoor use only
plywood, pine and birch	sanded					Sherwin Williams, IM1000-0005 >300 g/m ² on 1 side	clear and translucent colors	>12mm		B-s1,d0	EN13501-1			not to have maintenance, for indoor use only
plywood, pine and birch, perforated Ø10 CC20	sanded					Sherwin Williams, IM1000-0005 >300 g/m ² on 1 side	clear and translucent colors	>12mm		B-s1,d0	EN13501-1			not to have maintenance, for indoor use only
oak	planed					Sherwin Williams, IM1000-0005 >300 g/m ² on 1 side	clear and translucent colors	>16mm		B-s1,d0	EN13501-1			not to have maintenance, for indoor use only
any wooden substrate with density >338 KG/m ³ (incl. CLT, LVL and glulam)	any surface	TEKNOS ≥250 g/m ² TEKNOSAFE FLAME GUARD 2467-10; ≤100 g/m ² TEKNOSAFE FLAME PROTECT 2468-00	clear and translucent colors	>8mm	A+, M1, AgBB og EUROFINS GOLD	B-s1,d0	EN13501-1	EN16755		not to have maintenance, for indoor use only				
any wooden substrate with density >338 KG/m ³ (incl. CLT, LVL and glulam)	any surface	TEKNOS ≥250 g/m ² TEKNOSAFE FLAME GUARD 2457-10; ≤100 g/m ² TEKNOSAFE FLAME PROTECT 2458-00	all opaque colors	>8mm	A+, AgBB og EUROFINS GOLD	B-s1,d0	EN13501-1	EN16755		not to have maintenance, for indoor use only				
thermo-spruce	finesawn and rough	NORDTREAT Thermoblack, >350 g/m ² on 4 sides	black	>19mm	not applicable	D-s1,d0	EN13501-1			can be maintained and keep fire classification				
thermo spruce and thermo pine	finesawn and rough	NORDTREAT NORFLAM W313, >250 g/m ² on 3 sides	Limited range of semi-transparent colors	>19mm	not applicable	D-s1,d0	EN13501-1			can be maintained and keep fire classification				
wood ribbons of solid wood, 20x40mm	planed, max. Exposed surface is 1,72 M ² per 1,0 M2	>400 KG/m ³	A2-s1,d0 non ventilated			TEKNOS ≥250 g/m ² TEKNOSAFE FLAME GUARD 2467-10; ≤80 g/m ² TEKNOSAFE FLAME PROTECT 2468-00	clear and translucent colors	20x40mm	A+, M1, AgBB og EUROFINS GOLD	B-s1,d0	EN13501-1			not to have maintenance, for indoor use only
wood ribbons of solid wood, 40x40mm	planed, max. Exposed surface is 2,64 M ² per 1,0 M2					TEKNOS ≥250 g/m ² TEKNOSAFE FLAME GUARD 2467-10; ≤80 g/m ² TEKNOSAFE FLAME PROTECT 2468-00	clear and translucent colors	40x40mm	A+, M1, AgBB og EUROFINS GOLD	B-s1,d0	EN13501-1			not to have maintenance, for indoor use only

information in this publication are given without responsibility for content or result, and they are subject to change without notice. This publication is for overview purposes only. The specifics of each described system must be aligned with the paint-producer and the project-responsible in charge of fire-safety and regulations.