



Surface Burning Characteristics

SURFACE BURNING CHARACTERISTICS OF UNIBOARD PRODUCTS

Product Type	ASTM E84 (US)		CAN/ULC-S102	
	Flame Spread	Smoke development	Flame Spread	Smoke development
3/4" [19,5 mm] NU Green®MR-50 Medium Density Fiber [MDF] Siding	90	55		
15/32" [12 mm] Siding particleboard	95	65	135	100
3/4" [19,5 mm] Excel Medium Density Fiber [MDF] panel	115	140	135	100
3/4" [19,5 mm] Excel + Medium Density Fiber [MDF] panel	125	120	150	120
33/64" [13 mm] High Density Fiber [HDF] panel	130	145	150	110
5/8" [16 mm] SOYA™ particleboard	140	80	160	80
5/8" [16 mm] NU Green® 2 particleboard	105	75	165	65
5/8" [16 mm] regular particleboard	110	60	140	60
1 1/2" [38 mm] Door Core LD2 particleboard	135	85	155	50
5/8" [16 mm] laminated particleboard	110	110	140	75
15/32" [12 mm] Laminated flooring	95	15	125	40

Authorities having jurisdiction usually refer to these categories:

Class	Flame Spread	Smoke development
Class I or A	0 - 25	450 Maximum
Class II or B	26 - 75	450 Maximum
Class III or C	76 - 200	450 Maximum

Please note that our 1/4" MDF FR does not meet Class 1 fire rating. Our MDF FR meets Class 2 on 1/4" only.

Updated: March 08, 2016