

# AmeriLux – Fire Testing



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Product	Report #	ASTM E-84			ASTM D-635		
		Flame Spread	Smoke Developed	Class	Report #		
4.5mm	3149389SAT-001	0	50	A	P20080934	CC1	
6mm	3149389SAT-002	0	85	A		CC1	
8mm	RJ1009-2	0	10	A		RJ0844-3	CC1
10mm	177:012509-04	0	15	A		P20081193	CC1
16mm	177:012509-02	5	30	A			CC1
16mm "X"	654:028183-1	5	35	A	654:0281839-9	CC1	
16mm 6 walls	177:012509-02	5	30	A	166999-46	CC1	
20mm "X"	654:028183-3	5	45	A	654:0281839-11	CC1	
25mm "X"	654:028183-5	5	35	A	654:0281839-13	CC1	
25mm Triple-wall	RJ0535-3	5	40	A	RJ0535-2	CC1	
32mm "X"	654:028183-7	5	45	A	654:0281839-15	CC1	
40mm Thermoclick	RJ0892-1	10	140	A	RJ0892-3	CC1	
50mm Thermoclick	RJ1216-1	5	40	A	RJ1216-4	CC1	

- 1) **Class CC1:** Plastic materials that have a burning extent of 1" (25mm) per minute or less were tested at nominal thickness of 0.060" (1.5mm), or in the thickness intended for use, in accordance with ASTM D-635.
- 2) **Class CC2:** Plastic materials that have a burning extent of 2.5" per minute (1.06 mm/s) or less were tested at nominal thickness of 0.060" (1.5mm), or in the thickness intended for use, in accordance with ASTM D-635.

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 Flame-spread and smoke density developed rating for interior surface material are determined through **ASTM E-84**. According to the NFPA, a Class A Interior Wall and Ceiling Finish has a flame-spread rating of **25 or less** and a smoke density developed rating of **450 or less**. These surface burning characteristics are usually expressed in the form of a ratio, such as 25/450.

**Class A:** Flame spread of 0 through 25 | **Class B:** 26 through 75 | **Class C:** 76 through 200



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