

# 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 P20081063 P20081193	CC1
6mm	3149389SAT-002	0	85	A		CC1
8mm	3149389SAT-003	10	450	A		CC1
10mm	177:012509-04	0	15	A		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	177:023789-06R1	15	235	A	177:023789-08R1	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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