

Table 2. Typical flame-spread ratings and smoke developed classifications of wood products

Product Lumber, 19 mm thickness		Flame-Spread Ratings	Smoke Developed Classifications
Cedar	Western Red	73	98
	Pacific Coast Yellow	78	90
Fir	Amabilis (Pacific Silver)	69	58
Hemlock	Western	60 – 75	–
Maple	(Flooring)	104	–
Oak	Red or White	100	100
Pine	Eastern White	85	122
	Lodgepole	93	210
	Ponderosa	100 – 230	–
	Red	142	229
	Southern Yellow	130 – 195	–
	Western White	75	–
Poplar		170 – 185	–
Spruce	White	65	–
	Sitka	74	74
	Western	100	–
Shakes	Western Red Cedar	69	–
Shingles	Western Red Cedar	49	–
Source: <i>Fire Safety Design in Buildings</i> , 1995.			