

**1406.2 Combustible exterior wall coverings.** Combustible *exterior wall coverings* shall comply with this section.

**Exception:** Plastics complying with Chapter 26.

**1406.2.1 Ignition resistance.** Combustible *exterior wall coverings* shall be tested in accordance with NFPA 268.

**Exceptions:**

- 1 Wood or wood-based products.
2. Other combustible materials covered with an exterior covering other than vinyl sidings listed in Table 1405.2.
3. Aluminum having a minimum thickness of 0.019 inch (0.48 mm).
4. *Exterior wall coverings* on *exterior walls* of Type V construction.

**1406.2.1.1 Fire separation 5 feet or less.** Where installed on *exterior walls* having a *fire separation distance* of 5 feet (1524 mm) or less, combustible *exterior wall coverings* shall not exhibit sustained flaming as defined in NFPA 268.

**1406.2.1.2 Fire separation greater than 5 feet.** For fire separation distances greater than 5 feet (1524 mm), an assembly shall be permitted that has been exposed to a reduced level of incident radiant heat flux in accordance with the NFPA 268 test method without exhibiting sustained flaming. The minimum *fire separation distance* required for the assembly shall be determined from Table 1406.2.1.2 based on the maximum tolerable level of incident radiant heat flux that does not cause sustained flaming of the assembly.

**TABLE 1406.2.1.2 MINIMUM FIRE SEPARATION FOR COMBUSTIBLE VENEERS**

<b>FIRE SEPARATION DISTANCE (feet)</b>	<b>TOLERABLE LEVEL INCIDENT RADIANT HEAT ENERGY (kW/m<sup>2</sup>)</b>	<b>FIRE SEPARATION DISTANCE (feet)</b>	<b>TOLERABLE LEVEL INCIDENT RADIANT HEAT ENERGY (kW/m<sup>2</sup>)</b>
5	12.5	16	5.9
6	11.8	17	5.5
7	11.0	18	5.2
8	10.3	19	4.9
9	9.6	20	4.6
10	8.9	21	4.4
11	8.3	22	4.1
12	7.7	23	3.9
13	7.2	24	3.7
14	6.7	25	3.5
15	6.3		

For SI: 1 foot = 304.8 mm.