



7.1.19. Plastic skylights on roof assembly (See classification requirements Table 1.22)

- i. FM 4431, Approval standard for skylights.
- ii. ASTM E 84, Standard Test Method of Surface Burning Characteristics of Building Materials.
- iii. EN 13501-5: Fire classification of construction products and building elements - Part 5: Classification using data from external fire exposure to roofs tests
- iv. UL 723, Standard for Test of Surface Burning Characteristics of Building Materials.
- v. BS 476-7: Surface Flammability test to Building Material
- vi. EN 13501-2 with Fire Test to Building Material - Classification
- vii. CEN/TS 1187: Test methods for external fire exposure to roofs.
- viii. ANSI/UL 790, Standard Test Methods for Fire Tests of Roof Covering.

7.1.20. Roof Assemblies (Exterior fire exposure, See classification requirements in Table 1.22.)

- i. BS 476-3: Standard Test Methods for Fire Tests of Roof Coverings.
- ii. EN 13501-5: Fire classification of construction products and building elements. Classification using data from external fire exposure to roofs tests.
- iii. NFPA 276, Standard method of fire test for determining the heat release rate of roofing assemblies with combustible above-deck roofing components
- iv. FM 4470, Approval standard for single ply, polymer modified bitumen sheet, built-up roof (BUR) and liquid applied roof assemblies for use in Class 1 and non combustible roof construction.
- v. FM 4471, Approval standard for Class 1 panel roofs.
- vi. CEN/TS 1187: Test methods for external fire exposure to roofs.
- vii. LPS 1505 Requirements and tests for the LPCB approval and listing of roofing systems - protection against fire from outside the building.

7.1.21. Roof Assemblies (Interior fire exposure, See classification requirements in Table 1.22.)

- i. FM 4450, Approval standard for Class 1 insulated steel roof deck roofs.
- ii. UL1256, Standard for Fire Test of Roof Deck **Constructions**.
- iii. FM 4471, Approval standard for Class 1 panel roofs.

7.1.22. Roof Coverings

- i. FM 4470, Approval standard for single ply, polymer modified bitumen sheet, built-up roof (BUR) and liquid applied roof assemblies for use in Class 1 and non combustible roof construction.
- ii. ANSI/UL 790, Standard Test Methods for Fire Tests of Roof Covering.
- iii. ASTM E 108, Standard Test Methods for Fire Tests of Roof Coverings.
- iv. UL1256, Standard for Fire Test of Roof Deck **Constructions**.
- v. NFPA 256, Standard methods of fire tests of roof coverings
- vi. BS 476-3: Standard Test Methods for Fire Tests of Roof Coverings.
- vii. CEN/TS 1187: Test methods for external fire exposure to roofs
- viii. EN 13501-5: Fire classification of construction products and building elements - Part 5: Classification using data from external fire exposure to roofs tests
- ix. LPS 1505 Requirements and tests for the LPCB approval and listing of roofing systems - protection against fire from outside the building.