



7.1.23. Foam Plastic used in freezer rooms shall have flash and self ignition not less than 427° C with

- i. ASTM D 1929, Standard Test Method for Determining Ignition Temperature of Plastics.
- ii. LPS 1181 -2 Requirements and tests for sandwich panels and built up systems for use as internal constructions in buildings.

7.1.24. Factory manufactured or prefabricated panels with foam plastic insulation. (See Sandwich panels, Table 1.17.a,b,c for specific details)

- i. NFPA285, Standard FireTest Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components. (Exterior wall applications)
- ii. EN 13823: Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item.
- iii. EN-ISO 11925-2: Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test
- iv. EN-ISO 1182: Reaction to fire tests for products - Non-combustibility test and EN-ISO 1716: Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value)
- vi. EN 13501-1: Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests
- vii. LPS 1181 -2 Requirements and tests for sandwich panels and built up systems for use as internal constructions in buildings.
- viii. EN 13163 - Thermal insulation products for buildings - Factory made expanded polystyrene (EPS) products - Specification
- ix. EN 13164 - Thermal insulation products for buildings - Factory made extruded polystyrene foam (XPS) products - Specification
- x. EN 13165 - Thermal insulation products for buildings - Factory made rigid polyurethane foam (PU) products - Specification
- xi. EN 13166 - Thermal insulation products for buildings - Factory made phenolic foam (PF) products - Specification
- xii. EN 13167 - Thermal insulation products for buildings - Factory made cellular glass (CG) products - Specification.

7.1.25. MCM/ ACP and core

- i. See Chapter 1, **Table 1.14.a.**

7.1.26. MCM and ACP Panel Wall Systems as Assembly

- i. See Chapter 1, **Table 1.14.b.**

7.1.27. EIFS/ETICS

- i. See Chapter 1, Table 1.15.a. and Table 1.15.b.

7.1.28. PEWFS Wall System

- i. See Chapter 1, **Table 1.16.a.** and **Table 1.16.b.**