

Section 3 – Non-loadbearing Elements

Subsection E4 – Fire Tests for Non-loadbearing Elements

Clause E4.1

Composite walls involving plasterboard systems should be constructed in accordance with the manufacturer's specifications. The assembled products should be tested in accordance with BS EN 1364-1:1999, *Fire resistance tests for non-loadbearing elements. Walls* to demonstrate the required FRR.

Clause E4.2

Other materials used as fire barriers should be installed in accordance with the manufacturer's specifications and tested in accordance with an appropriate testing regime, such as BS EN 1364-1:1999, *Fire resistance tests for non-loadbearing elements. Walls*.

Clause E4.3

Materials forming a ceiling that requires an FRR should be tested in accordance with BS EN 1364-2, *Fire resistance tests for non-loadbearing elements. Ceilings*.

Clause E4.4

False ceilings and elevated floors that require an FRR should be tested in accordance with the following applicable standards:

- (a) BS EN 1366-6:2004, *Fire resistance tests for service installations. Raised access and hollow core floors*;
- (b) BS EN 1364-2:1999, *Fire resistance tests for non-loadbearing elements. Ceilings*.

Clause E4.5

The following British Standards will still be applicable until they are obsolete:

BS 476 Part 22:1987, *Fire tests on building materials and structures. Methods for determination of the fire resistance of non-loadbearing elements of construction*.

Commentary

False ceilings and elevated floors forming part of an air plenum should be non-combustible – see Subsection E10.