

Amendments to the Code of Practice for Fire Safety in Buildings 2011 (June 2023 Edition)
(September 2024)

Legends:

 Amended

 Deleted

(9/2024)

Corrigenda to the Code of Practice for Fire Safety in Buildings 2011 (FS Code) (September 2024)

Item	Paragraph/ Table	June 2023 Edition	Amendments
1.	Clause E10.1	<p>Any product that complies with one of the following is considered to be non-combustible:</p> <p>(a) Class A1 in BS-EN 13501-1:2007, <i>Fire classification of construction products and building elements - Classification using data from reaction to fire tests</i>;</p> <p>(b) BS EN ISO 1182:2010, <i>Reaction to fire tests for products. Non-combustibility test and BS EN ISO 1716:2010 Reaction to fire tests for products. Determination of the gross heat of combustion (calorific value)</i>;</p> <p>(c) BS 476-4:1970, <i>Fire tests on building materials and structures. Part 4: Non-combustibility test for materials</i>.</p>	<p>Any product that complies with one of the following is considered to be non-combustible:</p> <p>(a) Class A1 in BS-EN 13501-1:2007, <i>Fire classification of construction products and building elements - Classification using data from reaction to fire tests</i>. To satisfy Class A1, the product should be tested in accordance with BS EN ISO 1182:2010, <i>Reaction to fire tests for products – Non-combustibility test</i> and BS EN ISO 1716:2010, <i>Reaction to fire tests for products. Determination of the gross heat of combustion (calorific value)</i>;</p> <p>(b) BS 476-4:1970, <i>Fire tests on building materials and structures. Part 4: Non-combustibility test for materials</i>.</p>

Item	Paragraph/ Table	June 2023 Edition	Amendments
2.	Clause E10.2	-	<p>Save as provided in Clause E10.1, building-integrated photovoltaic (BIPV) systems should comply with the minimum standard of Class A2-s1, d0 in BS-EN 13501-1:2007, <i>Fire classification of construction products and building elements - Classification using data from reaction to fire tests</i>. To satisfy Class A2-s1, d0, the BIPV should be tested in accordance with BS EN ISO 1182:2010, <i>Reaction to fire tests for products – Non-combustibility test</i> or BS EN ISO 1716:2010, <i>Reaction to fire tests for products. Determination of the gross heat of combustion (calorific value)</i>; and BS EN 13823:2010, <i>Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single burning item</i>.</p> <p>Commentary</p> <p>BIPV is the integration of solar power generating products into the building envelope, serving both the functions of a building envelope and a power generator.</p> <p>The combustibility requirements in this clause are specifically intended for external wall, cladding, curtain wall or skylight constructed of or integrated with photovoltaic systems.</p> <p>The requirements on provision of natural lighting should be observed for adoption of BIPV systems in prescribed windows under Building (Planning)</p>

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			<p>Regulations 30 and 31. In addition, the requirement of visible light transmittance should be observed as appropriate under PNAP APP-156 and the Guidelines on Design and Construction Requirements for Energy Efficiency of Residential Buildings.</p> <p>In respect of electricity safety, the design, installation, operation and maintenance of BIPV systems and associated components including junction box, wiring, switch board, etc. should comply with the Electrical and Mechanical Services Department's requirements.</p>

Item	Paragraph/ Table	June 2023 Edition	Amendments
3.	Clause E11.1	<p>Materials of limited combustibility are classified as Class A2-s3, d2 or better in accordance with:</p> <p>(a) BS EN 13501-1:2007, <i>Fire classification of construction products and building elements, Part 1 – Classification using data from reaction to fire tests</i> to BS EN ISO 1182:2002, <i>Reaction to fire tests for building products – Non-combustibility test</i>;</p> <p>(b) BS EN ISO 1716:2010, <i>Reaction to fire tests for products. Determination of the gross heat of combustion (calorific value)</i> and BS EN 13823:2010, <i>Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single burning item</i>.</p>	<p>Materials of limited combustibility [REDACTED] should comply with the minimum standard of Class A2-s3, d2 [REDACTED] in [REDACTED] BS EN 13501-1:2007, <i>Fire classification of construction products and building elements, Part 1 – Classification using data from reaction to fire tests</i>. To satisfy Class A2-s3, d2, the materials should be tested in accordance with [REDACTED] BS EN ISO 1182: [REDACTED] 2010, <i>Reaction to fire tests for [REDACTED] products – Non-combustibility test [REDACTED] or BS EN ISO 1716:2010, Reaction to fire tests for products. Determination of the gross heat of combustion (calorific value)</i>; and BS EN 13823:2010, <i>Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single burning item</i>.</p>