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LPCB LPS 1181: Part 1: Issue 1.1 2005 Series of Fire Growth Tests for LPCB Approval and Listing of Construction Product Systems Part One: Requirements and Tests for Built-up Cladding and Sandwich Panel Systems for Use as the External Envelope of Buildings

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Abbreviation
 LPCB LPS 1181: Part 1: Issue 1.1 2005
 Valid from
 16/09/2005

Information provider
 IHS Markit
 Author
 BRE Global Ltd.
 Information type
 Other Standard
 Format
 PDF

Cited By
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Description

This document stipulates the test, performance and installation/set-up requirements for composite cladding products including sandwich panels and built-up systems for compliance with the LPC Design guide for the fire protection of buildings. It is appropriate for the claddings (built up systems or sandwich panels) used for the external envelope of all types of industrial buildings.

Sandwich panels or wall and ceiling lining systems used internally in a building (i.e. systems that are not part of the external cladding), that are self-supporting or supported externally, are covered in LPS 1181: Part 2.

The LPS1181 test is a determination of the fire growth performance of the cladding products used. The performance relates only to the combination tested, i.e. the wall and roof panels, including the composition of the panels, the joint details and the detailing at eaves, corners etc.

If a test is required to determine the performance of only a wall panel or a roof panel, the panel not being assessed shall be an LPCB approved product of similar insulation level (i.e. similar U-values) and shall have the same type of core material. Alternatively, another arrangement for the non-test panels may be agreed by LPCB. Limiting conditions applicable to the listing of the panel being tested may be set because of the combination being tested. The test arrangement and any limiting conditions shall be agreed in writing by LPCB and the panel manufacturer before testing commences. Details of test arrangements must be

provided and approved by LPCB prior to the provision of the LPCB quotation for product approval.

Note:- This document does not address requirements for the quality of how these products are to be installed in buildings. Quality of Installation requirements will be addressed in a separate standard.

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