



## **Subject: LPCB and LPS 1181 in Relation to TEK**

### **What is LPCB and LPS 1181?**

The LPCB is an abbreviation for the Loss Prevention Certification Board, which is a subsidiary of BRE Certification Ltd. The LPCB issues certification for Loss Prevention Standards (LPS).

One standard that is referred to with a great deal of regularity, especially insurance underwriters, is LPS 1181. This standard is a fire safety standard for cladding systems that is very often referred to for products that do not fall within its remit.

### **LPS 1181 and TEK**

LPS 1181 is in 3 parts which refer to types of cladding systems as follows:

#### LPS 1181: Part 1 – 1.1

Requirements and Tests for Built-up Cladding and Sandwich Panel Systems for use as an External Envelope of a Building.

#### LPS 1181: Part 2 - Issue 2

Requirements and Tests for Sandwich Panels and Build-up Systems for use as Internal Constructions in Buildings.

#### LPS 1181: Part 4 – Issue 4

Requirements and Tests for External Thermal Insulated Cladding System with Rendered Finishes (ETICS) or Rain Screen Cladding Systems (RSC) Applied to the Face of a Building.

None of the above standards apply directly to the TEK building system. Part 1 is used in assessing composite cladding panels such as Kingspan Panels KS or MR range of metal faced industrial cladding systems or any built up system used in the same manor.

Part 2 refers to a system used as a lining which again is usually a composite of insulation and metallic linings commonly used in industrial buildings.

Part 4, as its title explains, is for insulated render systems and rainscreen cladding systems. All of these standards refer to systems that are exposed directly to the exterior or interior of a building without additional claddings.



**Kingspan TEK™**



### **Conclusion**

The Kingspan TEK Building System is clad either side with a plasterboard inner and masonry, render, timber or tile externally and therefore it does not fall within the context of any of the LPS 1181 sections. The panels, when used within the approval of its BBA / IAB or forthcoming BM Trada certificates, do not need to be tested or expected to comply with the standards of LPS 1181.

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