

CLASSIFICATION OF FIRE PERFORMANCE IN ACCORDANCE WITH BR 135:2013 Annex B

Sponsor: Innovare Systems Limited, Unit B Earplace Business Park, Coventry, CV4 9XL
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Product name: Innovare I-SIP System with 12mm Renderflex Fibre Cement Board finished face.

Classification report No.: P109176-1001

Issue number: 1

Date of issue: 26th April 2018

1 Introduction

This report presents the classification of the system detailed in Section 2. The classification is carried out in accordance with the procedures given in BR 135 – ‘Fire performance of external thermal insulation for walls of multi-storey buildings’, Third edition, Annex B 2013. This classification should be read in conjunction with this document and the associated test reports referenced in Section 4.

2 Details of the Classified System

2.1 Description of substrate

The test specimen was installed onto wall number 4 of the BRE Global External Cladding Test Facility.

This is a multi-faced test facility constructed from steel with the cladding system affixed to the steel substructure.

2.2 Description of product

Table 1. List of component parts used in the construction of the system.

Item	Description
1	Nominal 2380mm-high × 800mm-wide × 162mm-thick I-SIP panels (140mm-thick expanded polystyrene (EPS) insulation between two 11mm-thick OSB boards).
2	185mm-wide × 40mm-thick timber levelling boards.
3	100mm-thick Rockwool TCB fire sock.
4	75mm-wide × 45mm-thick timber batons.
5	50mm-thick Knauf Insulation Earthwool Drytherm Cavity Slabs.
6	75mm-wide × 60mm-thick AIM Ventilated Rainscreen Barrier Plus 120.
7	12mm-thick RCM Renderflex fibre cement board.