

Registered details fact sheet changes

Description

1. This is an assessment of a PIR insulation board by Celotex designed for use within rainscreen construction. Celotex RS5000 is a textured aluminium foil faced PIR board that comes in thicknesses of between 50mm and 150mm and allows buildings to achieve their aesthetic goals whilst utilising practical construction methods. It has been assessed by the BRE and complies with BR135 for use in rainscreen applications above 18 metres in height subject to the board being fixed to a non-combustible substrate.

Certificate

Scope of registration

2. Celotex has provided test reports undertaken by BRE and BBA to verify the product from both performance in fire and thermal properties. Celotex RS5000 is a premium performance PIR solution for use in rainscreen cladding applications and suitable for use in building above 18 metres in height. The board comes in various thicknesses and can be used with a variety of cladding systems (including masonry and rainscreen systems) and can be fixed back to a structural steel frame with a sheathing board or direct back to masonry.
3. The product has a 'Class O' spread of flame classification as demonstrated in the test report provided by the BRE. The BBA testing shows that RS5000 achieves a super low lambda value of 0.021 W/m². Celotex provide an online 'U' value calculator to determine the required thickness of board for use with varying types of construction.