

In response to the Department for Communities and Local Government request for information addressed to Local Authority Chief Executives, 18th June 2017

Proteus are a Rainscreen System manufacturer only, this forms one layer of a full façade wall build-up. Below is a statement relevant to the Proteus HR product composition and fire performance.

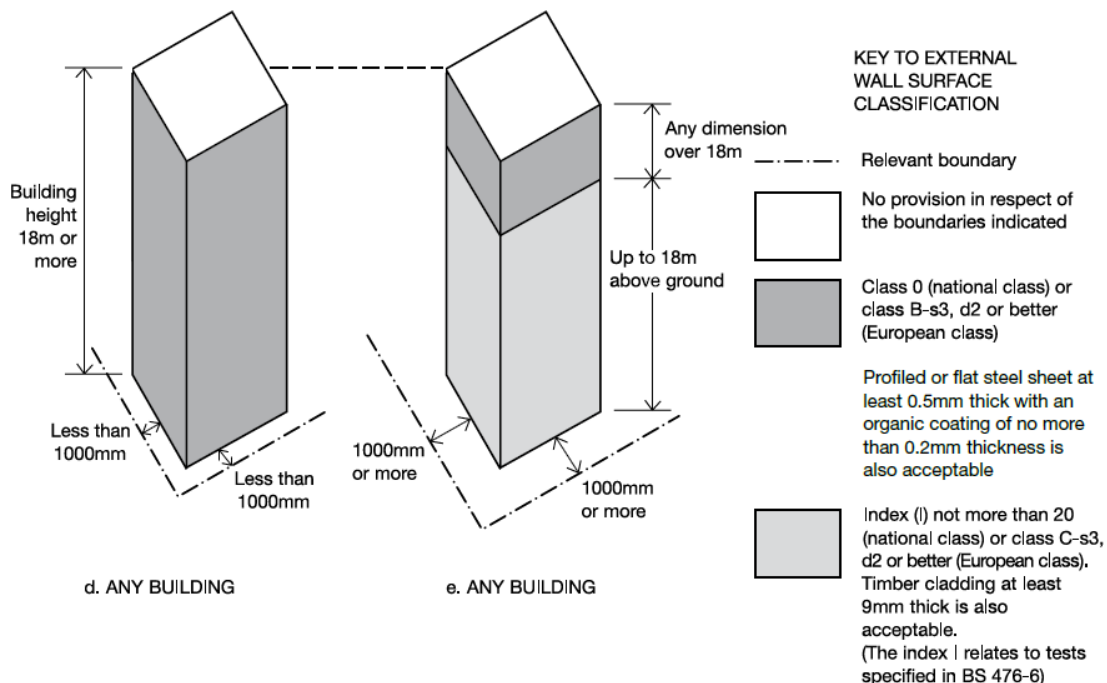
The Proteus HR panel (Honeycomb Metal Rainscreen Panel) is **not** an ACM panel as defined within the request for information. ACM has a solid non-aluminium core which is sandwiched between two thin sheets of Aluminium, the core material is either Polyethylene or an alternative solid core which can vary in composition depending on performance requirements.

The Proteus HR panel consists of various front facing thin gauge metal materials, such as Steel, Copper Alloys, Aluminium and Zinc. The panel core material is a non-combustible Aluminium Honeycomb core. The rear facing metal material would be either a thin gauge coated steel or coated aluminium facing dependent on the front facing material. The Aluminium Honeycomb core is bonded to the front and rear metal facings using a thin layer of adhesive. The panel edge is encapsulated on all four sides with an extruded Aluminium frame.

The Proteus HR panel with an uncoated front facing has been tested by an independent UK laboratory to BS476 Part 6 and Part 7 and has met the criteria for Class 0 building regulation approval. Further to this all coatings (e.g. Polyester Powder Coating) applied to the front face of the panel meet the criteria for Class 0 building regulation approval.

See below guidance from current building regulations on use of products both above and below 18m for external wall surfaces.

The Building Regulations 2010, Approved Document B, Volume 2, Diagram 40



For further guidance or help please contact the Proteus Technical team, see below contact details:-

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