| | Cladding Material | Support Framework | Fire Barriers | K15 Thickness | Breathable Membrane | Sheathing Board | Backing Structure | Internal Linings | Report Writer | Report Sponsored By |
|---|---|---|---|---|---|---|---|---|---|---|
| **Report No. P101812-1000 - BR 135 Classification** | 1200mmx900mm 6mm thick UAC cement particle board | Aluminium railing system | Fire stop - 2.5mm thick graphite based intumescent strip bonded to nominal 0.6mm thick galvanised steel sheet | 60mm K15 | | N/A | Blockwork Substrate | | BRE | Kingspan |
| **Report No. 291642 - BR 135 Classification** | 30mm Taylor Maxwell Standard Classico Tile (Grey). | Aluminium top hat section. Aluminium helping hand bracket. | Lamatherm CW-RHS Horizontal Intumesscent expanding fire break. Lamatherm CW-RSV Vertical non expanding fire breaks. | 80mm K15 | | 12mm Cement sheathing board. | 150mm steel frame. | Double layer of 12.5mm wall board. | BRE | Kingspan |
| **Report No.  297211 - BR 135 Classification** | 275mm x 250mm x 30mm thick Taylor Maxwell Tampa Terracotta tiles | Aluminium top hat section. Aluminium helping hand section. Steel T angle | 1000mm x 150mm x 195mm AIM vertical fire barriers and horizontal fire barriers with intumescent strips | 140mm K15 | | 12mm Cement sheathing board. (Versapanel manufactured by Euroform products) | 150mm steel frame. | Double layer of 12.5mm Gyproc Plasterboard. | BRE | Kingspan |
| **Report No. P100769-1000 - BR 135 Classification** | Mineral Composite Grooved Panels (Carea) | Secondary frame consisting of rails to secure the decorative panels | Horizontal firebreaks - siderise RH25 open state cavity barriers. Vertical firebreaks - Lamatherm | 140mm K15 | | 12mm cement sheathing board | 150mm Metsec Steel Frame | Double layer of 12.5mm wall board. | BRE | CAREA |
| **Report No. P100576-1000 - BR 135 Classification** | Stofix Brickslip panels | Secondary frame consisting of rails to secure the insulation and decorative panels | Horizontal firebreaks - AIM intumescnt cavity barrier 133 x 75mm. Vertical firebreaks - mineral wool fire breaks - 170mm x 75mm | 120mm K15 installed in two layers 60mm thick | Tyvec Supro | 12mm Cement particle sheathing board. | 100mm lightweight steel frame | Double layer of 12.5mm wall board. | BRE | Stofix |
| **Report No. P100838-1001 - BR 135 Classification** | 60mm Gebrik panels consisting of 43mm rigid polyurethane foam insulation and 17mm façade brickslips and mortar | Isofixing washers precast ion the panels & corners and through the K15 with Gebrik system fixings | 1000mm x 75mm VRB Lite intumescent fire component installed both vertically and horizontally | 120mm K15 | | 12mm calcium silicate sheathing board (Y-Wall) - 15mm fire retardant battens - 12mm calcium silicate sheathing board (Y-Wall) | 150mm light gauge steeel frame (Kingframe) / 150mm Earthwool Flexi Rock mineral wool insulation | Double layer of 12.5mm wall board. | BRE | Aquarian Cladding |