

## Technical Data

### **Specification for Hunter Douglas Luxalon® QuadroClad Rainscreen Cladding**

#### **Luxalon® QuadroClad Rainscreen system**

Honeycombe cored rainscreen. Cladding fixed horizontally/vertically\* with/without integrated Luxalon QuadroClad Louvres.

- Primary support structure: TBA by Architect and to facilitate the Luxalon® Façade Panels being erected in accordance with the recommendations as provided by Hunter Douglas Construction Elements giving particular regard to span, deflection, loading and cantilevers.
- Rainscreen panel:  
Type: Honeycomb panel in modules of.....mm and in variable lengths up to 4,500mm. The panel will be formed with an extruded aluminium perimeter frame, (with mitred and sealed joints) providing twin horizontal and vertical drainage channels]
- Material: Aluminium honeycomb panels shall consist of two skins of smooth aluminium alloy 3005 or grade 306 stainless steel.
- Thickness: 25mm thick composite panel formed in controlled factory conditions using a core of aluminium hexagonal honeycomb with a nominal cellular dimension of 19mm x 0.03mm. Outer skin 1.0mm thick smooth aluminium, inner skin 0.5mm thick smooth aluminium.
- Finish/colour: The panel will be painted on the outside surface with factory applied Luxacote® / PVF2 paint finish or anodised and will provide a minimum hardness factor of 2H (ECCA) test to colour....., and standard polyester white internal finish/colour.

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- Other panel requirements: Specially formed panels will be manufactured by Hunter Douglas Construction Elements from Luxalon® QuadroClad Cladding in accordance with specification.
- Fixing system: The panel will be secured to the Hunter Douglas Construction Elements support system by means of the Hunter Douglas Construction Elements patented panel bracket, at appropriate centres. The panel will be fixed to and supported by the Hunter Douglas Construction Elements proprietary extruded aluminium support system complete with tie-back brackets and adjustable connectors etc., with vertical adjustment of  $\pm 25\text{mm}$  and 10mm horizontal alignment from plumb.
- Joint: 10mm.

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