



**Specification
Radiant Conditioning Sails**

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- The Radiant Conditioning Sail outputs shall be tested and accredited to EN14240 for cooling, and EN 14037-2 for heating, by a recognised Test Facility.
- The panels shall be constructed with 12mm copper pipe retained in aluminium extrusions which are riveted to the top surface of a rigid, 5.5mm thick, 3 ply, composite aluminium sheet. There shall be no sidewalls or other strengthening structures which may impede the convection of air around the panel.
- The visible surface shall be completely flat and smooth, finished in 20% gloss RAL 9010 (Other finishes are available as specified).
- Acoustic panels shall be perforated with the specified free opening quota (ranging from 8% to 19.6%). There shall be an acoustic gauze fixed to the upper surface.
- Acoustic performance shall be tested to EN 20354.
- Only 2 push fit flexible connectors shall be used per panel join and per panel connection. These shall be EPDM lined with braided stainless steel, supported with a 10 year guarantee.
- The Radiant Conditioning Sails shall be suspended below the soffit or false ceiling with a gap of not less than 60mm. Hanging brackets shall be supplied as specified to accept hanging wire or threaded rod suspension systems.