

Why clutter the middle of the ceiling?

Perimeter panels are the ideal heating solution for any building. Solray specialise in this method of heating and believe it to be the most effective form of radiant heating available. With the panels installed around the perimeter, the central ceiling is free to be utilised by other services such as lighting



Background and Approach

Solray has been manufacturing bespoke perimeter panels for the last 70 years. Our design service allows for even the most complicated shaped room to be sized simply and effectively to meet the heat loss. With options to suit plasterboard, ceiling grid and high security applications, the panel is an ideal solution for any scenario and are also available as a lighting unit. Panels are installed on the perimeter as first fix item with the ceiling then starting from the panels allowing the panels to assist in drying out the building



Solray Perimeter Panels - Key Benefits

- **Fast response time** - Instant radiant heat
- **Highly Effective** - Offset main building heat loss through windows
- **Perimeter mounting** - Free up central ceiling for other services
- **Typically one connection per room** - Reduced costs on pipework compared to strip panels
- **Flexible** - Panels manufactured to any size to suit room layouts & heat losses
- **Zero maintenance costs** - No draining or cleaning required
- **Built to last** - Guaranteed for up to 25 years

Technical Performance

Solray panels achieve the following outputs with our standard tube arrangements

Operating Temps	Output/M ² @ 18°C	Output/M ² @ 21°C
50°C	225	250
60°C	345	320
70°C	445	420
76°C	515	495

Outputs to suit specific design conditions are available upon request. Please contact your local area manager or alternatively contact our head office in Swansea.

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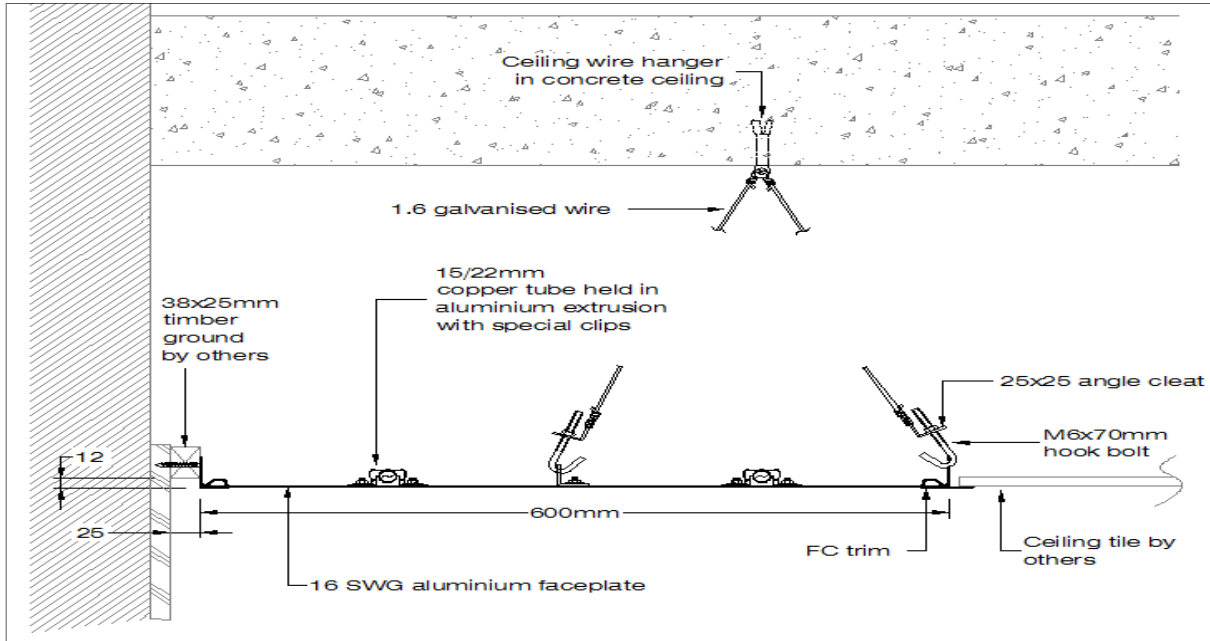
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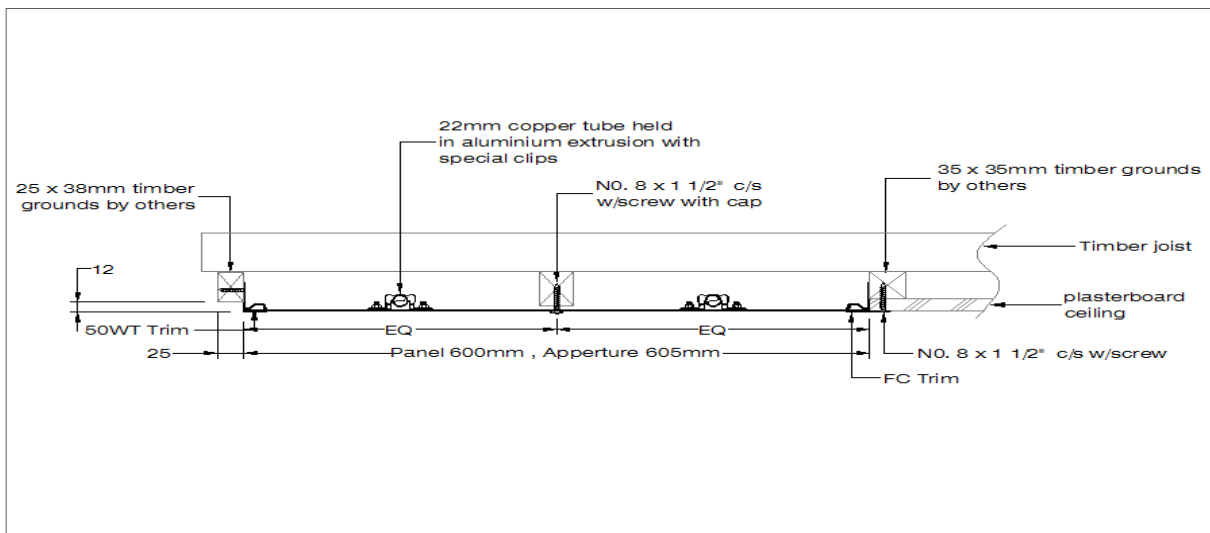
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Typical fixing details for Solray Perimeter panels

Perimeter heating for suspended ceilings



Perimeter heating for plasterboard ceilings



Details shown based on 600mm wide units. Panel sizes available in any size to suit building requirements

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