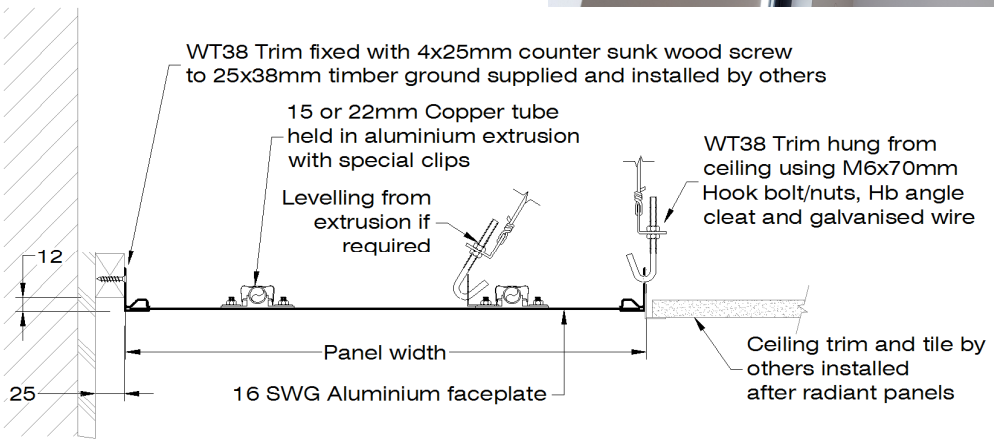
Solray DM Perimeter Panels

Application: Suspended Ceilings

Solray DM Perimeter Panel systems can be designed to enable even the most complicated room to be sized simply and effectively to match the heat loss.



DM Section Detail

With the panel installed on the perimeter, the middle of the ceiling is free for other services such as lighting. Often each room will only need one connection, which allows a cost saving on pipework during installation. Services can also be integrated into the panels where required.

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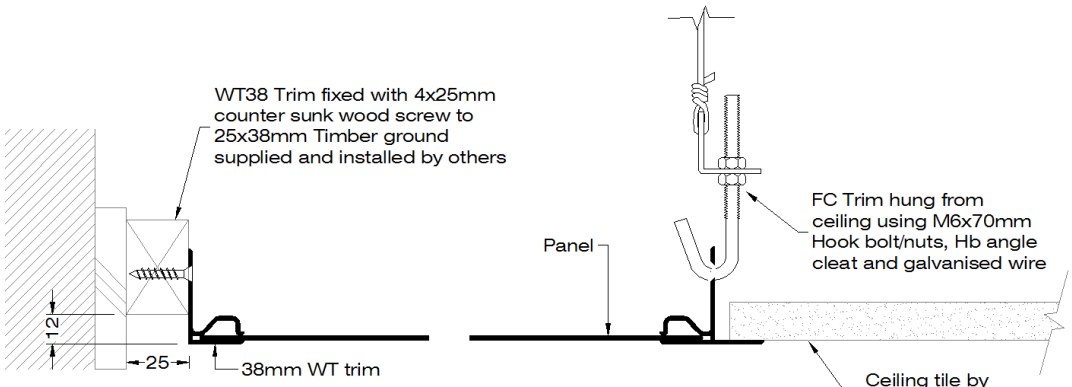
BSRIA Member

B&ES BUILDING & ENGINEERING SERVICES ASSOCIATION

At any width up to 1200mm and being able to go right around the room, the DM Perimeter Panel provides balanced heat distribution around the areas that experience most of the heat loss.

The DM Perimeter Panels are installed by Solray trained installers and any columns that interfere with the panels are integrated into the panel so that it is continuous.



Panel Trim Detail

Solray DM Technical Specification

- 1.6mm smooth aluminium faceplates, free of any ridges and lines
- Factory finished in a white texture to RAL 9010 (other colours can be provided)
- Waterways are copper tubes sized to minimise pressure drops while maintaining turbulent flow through all tubes. The minimum pipe diameter is 15mm to prevent the tubes blocking
- All factory assembled grids are tested to 7 bar, for system working pressures of 3.5 bar. Solray panels can be tested to higher pressures if required
- A drain cock, with an optional plugged hose access hole, is included as standard at all low points
- Panels can be cut around columns to give a continuous straight ceiling edge
- A discreet expansion strip covers the joints between faceplates to allow and conceal expansion
- Insulated with 50mm foil backed unencapsulated glass fibre with a thermal conductivity at 70°C of 0.045 W/m K
- Panel mass:
  - 1 tube / 150-300mm wide panels 4.2kg/m max
  - 2 tube / 350-600mm wide panels 7.5kg/m max
  - 3 tube / 650-900mm wide panels 10.8kg/m max
  - 4 tube / 950-1200mm wide panels 14.2kg/m max
- The outputs of Solray Panels have been tested to BS EN 14037.

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