**Overview**

<table>
<thead>
<tr>
<th>SYSTEM GROUP</th>
<th>GRID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suspended Ceiling</td>
<td>Exposed Grid – SAS C-Profile or Omega C-Profile suspension</td>
</tr>
</tbody>
</table>

**TILE**

- Hook-over

**ACOUSTICS**

<table>
<thead>
<tr>
<th>Absorption class</th>
<th>Insulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A–C</td>
<td>15-50dB</td>
</tr>
</tbody>
</table>

**ACCESS**

<table>
<thead>
<tr>
<th>Linear grid approx. 14 Kg/m²</th>
<th>Tartan grid approx. 16 Kg/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift and Tilt</td>
<td>Based on 1500 x 1500mm module</td>
</tr>
</tbody>
</table>

*Note* This includes the entire system and full associated components (suspension, tile, acoustic pad and associated fixings.)
The industry benchmark suitable for any building module, the versatility of SAS330 has seen it specified in landmark projects worldwide. Available in linear or tartan grid forms, the system combines beautiful aesthetics with high performance in equal measure.

Delivering unsurpassed creative potential, ceiling tiles can be curved, coffered and manufactured in virtually any polygonal shape. They are available in a variety of high quality finishes, both plain and perforated. In addition, SAS330 offers service integration details sympathetic to the overall design.

**Access**
The secure void is completely accessible by removing the lay-in tiles, with no need for specialist tools.

**Module Sizes**
SAS330 ceiling tiles can be manufactured in mm increments up to 3m lengths. The specifier should note that maximum panel sizes are limited by industry tolerance guidelines.

**Finishes**
SAS330 is available in all standard SAS finishes, please refer to page 105. Bespoke finishes are available on request.

**Perforations**
SAS330 tiles can be manufactured with any standard SAS perforation pattern. For our full range of perforations, please refer to page 83. Bespoke perforations are also an option.

**Acoustic Materials**
16mm deep, 80Kg density mineral wool pad with black tissue face, foil back and sides. Other acoustic materials are available depending on performance requirements, please refer to page 20.

**Service Integration**
Ceiling tiles and C-Profiles can be formed with apertures during manufacturing and post painted for integration with lights and other services. System 330 panels may require stiffeners to support centrally mounted lighting.

SAS330 Chilled incorporates heating and cooling services, please refer to pages 262-265 for more details.

**Please note**
Additional loads applied to System 330 ceiling tiles must not exceed 7Kg. Anything in excess of 7Kg requires independent suspension.

**Technical Support**
Please contact our technical team for all questions relating to access, security, bespoke features, service integration or load support.
Perspective Drawing

Linear
1 Emac Hanger
2 Emac Channel
3 C-Profile Hook-over Suspension Bracket
4 C-Profile / Omega C-Profile
5 C-Profile Splice
6 Perimeter Trim
7 Perimeter Wedge
8 SAS 330 Tile

Section Drawing

French hook

With gasket

Without gasket

All dimensions are in mm.
Grid Options

**Linear Grid**
C-Profiles set out to run in one direction across the ceiling plane.

**Tartan Grid**
C-Profiles set out to run in two perpendicular directions (cross noggins) across the ceiling plane.

**C-Profile**
A flush, smooth finish C-Profile available in a range of widths up to 300mm.

**Omega C-Profile**
Featuring a continuous thread-form facilitating easy location and relocation of partitioning. By means of an M6 bolt, partitioning can be relocated without causing damage to the ceiling. Also available in widths up to 300mm.

C-Profiles in widths ≤150mm can be open ended, using splices to connect longer runs. C-Profiles in excess of these widths must be closed ends, butt-jointed and bolted to other profiles. A range of narrower C-Profile and Omega C-Profile aluminium extrusions are available if preferred.

An optional foam gasket provides a tight seal between profile and tile. Gasket is supplied loose for on-site installation.

Extruded Aluminium Profiles

All dimensions are in mm.
**SAS330 | Features**

**Touch Latch and Pivot Pin**

This mechanism allows access by simply pushing the panel up to release. If necessary, a fixed bolt can be unscrewed to completely remove the tile.

**Hinge Notch / French Hook**

This integral feature allows tiles to be hung vertically from C-Profiles which provides unobstructed ceiling void access. Complete panel runs can be hung together during maintenance without causing damage to the tile.

**Flying Arm**

This is a hook-over bracket supplied fixed to the upstand of the panel. Access is obtained by pushing up the opposite end of the panel and sliding back. This reveals the flange which can then be lowered to a vertical position (lift & tilt).

**End Arm**

Similar to the flying arm, a hook plate is fixed to the tile edge (supplied loose for on-site fixing by installer). The tile can be completely lifted out of the grid and hooked back over the C-Profile, safely off the ground.

**Mock Crossing**

Traditional tartan grid systems make the use of trim strips and crossing boxes suspended from threaded rods and hanger brackets. This detail can be replicated by pressing mock crossing details into the C-Profile. Using C-Profiles instead of crossing boxes provides a far more rigid and durable structure. C-Profiles also provide flexibility to avoid costly bridging around ductwork in the void.
SAS 330

Bouygues Telecom HQ
Issy Mozart

Location
Paris, France

Architect
Arquitectonica

Contractor
Bouygues
Construction Privée

Purpose
Commercial
Location
Birmingham
Architect
Aedas Architects
Contractor
Bowmer & Kirkland Ltd
Purpose
Commercial
SAS330 Chilled

BBC White City Energy Centre

Location
London, UK
Architect
BDP
Contractor
Interserve Project Services Ltd
Purpose
Commercial
SAS330 Radiant Cooling

Location
Paris, France

Architect
2/3/4 architecture

Purpose
Commercial

Contractor
Dumez Ile de France SAS
Royal Opera House, Essex

Location
Essex, UK

Architect
Nicholas Hare
Architects LLP

Contractor
McLaren
Construction

Purpose
Leisure
SAS Plus offers the system designer access to SAS’ in-house design team to collaborate on bespoke ceiling specification. Systems can be variants of standard SAS offerings, or completely bespoke designs.

Call us for more details.