



SAS International Ltd

n55Plus



System 130

By SAS International Ltd

Detailed description

System 130 is a demountable tile, flush or tegular effect system which is particularly suitable where the simplest form of access into the ceiling void is required.

Tiles are available either plain or in a range of perforation patterns.

Designed for support from Alugrid-Q, to form a flush ceiling with tiles and grid in the same plane. Alternatively, TruGrid, a recessed lay in tee system and can form a tegular ceiling.

Product guidance - As Standard

Access:

- Tiles can be simply lifted out of the suspension system to gain access to the ceiling void.

Weight:

- For tiles, insulation pad and suspension system: Approximately 10 kg/m².

Options

Module size:

- Standard: 500 x 500/ 600 x 600/ 625 x 625/ 750 x 750 mm.
- Special sizes including 1200 x 600 mm, 1200 x 300 mm are available on request.
- 300 x 300 mm tiles can be supplied for use with TruGrid T15 or tartan grid configurations.

Perforation pattern:

All tiles can be supplied either plain or with an extensive range of perforation patterns to accommodate both the aesthetic and functional performance requirements of individual applications. For further details see SAS perforation pattern brochure.

Standard patterns are:

– 1147:

- 11 mm square holes.
- 47% open area.
- 16 mm square pitch.

– 1522:

- 1.5 mm diameter holes.
- 22% open area.
- Diagonal pitch.

– 1820:

- 1.8 mm diameter holes.
- 20% open area.
- 3.6 mm square pitch.

– 2414:

- 2.4 mm diameter holes.
- 14% open area.
- Diagonal pitch.

– 2516:

- 2.5 mm diameter holes.
- 16% open area.
- 5.5 mm square pitch.

– 3022:

- 3.0 mm diameter holes.
- 22% open area.
- Diagonal pitch.

Grids:

– Alugrid-Q:

- Galvanized steel carrier sections with aluminium extrusions.
- Continuous lineal recess with an M6 thread profile and negative quirk relief detail abutting ceiling tiles.
- Shadow line feature between grid and tile.
- Precise mitred joints.
- Continuous threaded feature recess.
- Clean, flush ceiling plane.
- Simple fixing of display signs.

– Alugrid-P:

- A plain version of Alugrid-Q, without the threaded lineal recess to give a completely flush ceiling finish.
- Ease of service cleaning for food retail, clean rooms, pharmaceutical and preparation areas whilst providing total void access.

– TruGrid:

- Strong modular appearance.

- Comprises galvanized steel tee sections with a pre-finished steel capping.
- Butt cut junctions eliminate corner shadows.
- Low cost solution.
- Easy to install and fully demountable.

– Colour and Finish:

- Aluminium extrusions are finished with a durable, washable polyester powder coating to exterior quality BS 6496. The standard colour is RAL 9010 white with other RAL and BS colours available on request.

Trims:

– TCA0108:

- Channel trim, 19 x 38 x 19 x 0.6 mm.
- Painted zintec steel.

– TCA1124:

- Metal tile to plasterboard for use with Alugrid 15/16.

– TCA0128:

- 15 mm shadowgap perimeter channel.

– TCA0143:

- Shadowgap trim for use with System 130 AL19 ceilings.

– TCA0144:

- Channel trim for use with System 130 AL19 ceilings.

– TCA0152:

- Plasterboard perimeter trim.

– TCA0183:

- 15 mm perimeter channel.

– TCA0184:

- 15 mm shadowgap perimeter channel.

– TCA0188:

- Threaded metal, tile to plasterboard trim.

– TCA0190:

- Threaded metal, tile to plasterboard shadowgap trim.

Accessories:

– Luminaire & Service Integration:

- A range of standard modular luminaires and ventilation grilles are available to integrate and take support from the suspension system.
- Tiles can be supplied with factory formed apertures to accommodate decorative luminaires, sprinklers, smoke detectors and other services.

– Airflow, Thermal & Acoustics:

- Precise performance criteria for airflow, thermal and both acoustic absorption and attenuation can be achieved by selecting one of the extensive range of Stilsound inserts.
- They are factory sealed into the back of the panels with reinforced aluminium foil.
- Sealed units prevent air movement through the perforated surface which negates surface pattern staining commonly associated with perforated ceiling panels and likewise eliminates fibre migration and allows easier installation and maintenance.

– Chilled Ceilings:

- Tiles can be supplied with integral cooling elements to provide radiant chilled ceiling panels.
- A range of SAS chilled beams are available to integrate with the system.
- Full details of the range of SAS chilled ceiling systems are available on request.

Product specification

Manufacturer

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Product reference System 130

Tile [_____]

Size
300 x 300 mm
500 x 500 mm
600 x 600 mm
625 x 625 mm
750 x 750 mm
1200 x 300 mm
1200 x 600 mm

Perforation pattern
Plain
1147
1522
1820
2414
2516
3022

Colour
RAL 9010 white - Standard.

Size
300 x 300 mm
500 x 500 mm
600 x 600 mm
625 x 625 mm
750 x 750 mm
1200 x 300 mm
1200 x 600 mm

Perforation pattern
Plain
1147
1522
1820
2414
2516
3022

Colour
RAL 9010 white - Standard.

Acoustic backing
Not required
Adhered fleece
Loose laid foil wrapped Rockwool ____ mm thick
Loose laid foil wrapped Rockwool and plasterboard
Loose laid foil wrapped Rockwool and backing plate
Loose laid foil wrapped Rockwool with Stilsound dB Panel
Loose laid Rockwool with top hat Backing Plate

Grid
Alugrid-P 15/16
Alugrid-Q 15/08
Alugrid-Q 15/16
Alugrid-Q 26/16
TruGrid T15
TruGrid T24

Colour
RAL 9010 white - Standard.

Colour
RAL 9010 white - Standard.

Trims	TCA0108 TCA0124 TCA0128 TCA0143 TCA0144 TCA0152 TCA0183 TCA0184 TCA0188 TCA0190
Bulkhead	Not required Bullnose metal Curved 'S' metal TCA0173 plasterboard
Accessories	[None] [Airflow grilles reference ____] [Hold down wedges] [Integral cooling elements reference ____] [Modular luminaire reference ____] [Prefabricated column ring ____ mm diameter] [Stillsound insert reference ____]