



SAS International Ltd

n55Plus



System 150

By SAS International Ltd

Detailed description

A highly versatile metal ceiling system that offers a subtle appearance, easy accessibility, service integration and outstanding performance.

- Concealed suspension system.
- 25 year product life-span.
- Durable, washable polyester powder finish to RAL 9010 white or to specific colours.
- Tiles available plain or in a range of perforation patterns.
- Preformed apertures giving easy service integration.
- Integrated chilled ceiling solutions.
- Extensive perimeter options.
- Environmentally friendly, recyclable products.

The strength of the Omega bar combined with the unique tile design allow the tiles to pivot and slide within the suspension system providing hinge down access to large areas of the ceiling void for maintenance.

Product guidance - As Standard

General:

- Tiles are press formed from electro-galvanized (Zintec) mild steel.
- Factory finished with a smooth or textured electrostatically applied polyester powder coat to exterior quality and tested to achieve a 1000 hour salt spray performance.
- Suspension components are made from electro galvanized steel and/ or aluminium alloy.

Options

Perforation pattern:

- All tiles can be supplied either plain or with an extensive range of perforation patterns.
- Standard patterns: 17 number.
- Designer range: 5 number.
- For further details see SAS perforation pattern brochure.

Grids:

- Omega 154: Maximum hanger centres 1500 mm.
- Omega 154s: Maximum hanger centres 2000 mm.

Trims:

– TCA0108:

- 20 mm channel.
- Painted zintec steel.

– TCA0124:

- 15 mm shadowgap channel.

– TRU-ST-150:

- Plasterboard 15 mm shadowgap.

– TRU-SG-150:

- Metal tile to plasterboard, shadowgap.

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.
- Sizes: Standard module size 300 x 1800 mm, end of run module size 300 x 1533 mm.

– Air Supply & Return Grilles:

- All the major air handling product manufacturers offer standard linear and modular air grilles that integrate with System 150 for either VAV air conditioning or fresh air supply.
- For further guidance please contact the SAS Technical Department.

– 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 is available on request.

Product specification

Manufacturer

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Product reference System 150

Tile

Size
300 x 300 mm
500 x 500 mm
600 x 300 mm
600 x 600 mm
625 x 625 mm
750 x 750 mm
1200 x 300 mm
1200 x 600 mm
1500 x 300 mm

Perforation pattern

Colour
Smooth, RAL 9010 white - Standard.
Textured, RAL 9010 white

Size
300 x 300 mm
500 x 500 mm
600 x 300 mm
600 x 600 mm
625 x 625 mm
750 x 750 mm
1200 x 300 mm
1200 x 600 mm
1500 x 300 mm

Perforation pattern

Colour
Smooth, RAL 9010 white - Standard.
Textured, RAL 9010 white

Acoustic backing
Not required
Adhered fleece
Loose laid foil wrapped 18 mm Rockwool
Loose laid foil wrapped 6.5 mm Rockwool and 9.5 mm plasterboard
Loose laid foil wrapped 18 mm Rockwool and steel backing plate
Loose laid foil wrapped Rockwool with Stilsound dB panel
Loose laid 32 mm Rockwool with top hat backing plate

Grid	Omega 154 Omega 154s
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 TCA0108 and 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 ____]