



SAS International Ltd

n55Plus



System 600

By SAS International Ltd

Detailed description

A range of acoustic service panels directly suspended in linear arrays across a flat soffit, or in coffers to allow free air movement to the structural slab for natural cooling. The panels are available in a range of curved, flat or angled profiles designed to accommodate luminaires, chilled beams, acoustics, sprinklers, smoke detectors, presence sensors and loudspeakers to offer a modern ceiling system.

- Environmentally friendly, recyclable products.
- Free air movement to the structural soffit for cooling.
- Wide range of decorative perforation patterns.
- High acoustic performance options.
- Suitable for open plan & cellular offices.
- Durable, washable polyester powder finish.
- Preformed apertures for easy service integration.
- Dual emission lighting options.
- Integrated chilled ceiling options.
- Natural 'open window' or displacement ventilation.
- Full lighting and service integration.
- Reduced slab to slab building heights by introducing single void.
- Reduced capital costs and significant life-cycle cost benefits.

Product guidance - As Standard

Access:

- Units are simply unlatched from drop rods. Luminaires on a flying lead mean that the units can be laid on a flat surface for maintenance. Luminaires can be unclipped and removed without demounting the whole unit.

Incidence reflection:

- The curvature or angle of the panel eliminates low angle reflection off the ceiling surface. This helps reduce background noise levels further than a conventional flat ceiling.

Options

Panel size and form:

- Can be varied to suit the application.
- Panels can be formed in a range of different profile shapes including flat and curved.

Acoustic Absorption:

- Stilsound acoustic pads can be inserted into the rear of the panels. Sound is absorbed both through the perforations in the face of the panel and reflected sound from the structural soffit above.

Integrated services:

– 'Intelligent' lighting:

- Incorporates a daylight link and a sensor which detects movement. This allows it to switch the lighting down or off when the area is unoccupied. The daylight link regulates lighting levels according to the amount of natural daylight available. Energy saving of up to 80% compared to conventional non HF fluorescent luminaires is achievable.

– Chilled beams:

- Provide additional cooling – panels can also be designed to accommodate retrofitted radiant elements should the heat load increase due to increased occupancy or change of use. Contact the manufacturer for more information on the CoolCeil range of chilled ceilings.

Product specification

Manufacturer

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Product reference System 600

Panel [_____]

Size [_____]

Form
Angled profile - Single central luminaire
Curved profile - Dual lamp central luminaire
Curved profile - Integral chilled beam with dual side mounded luminaires
Curved profile - Single central luminaire
Flat profile - Single central luminaires

Material	Aluminium Mild steel
Perforation pattern	[_____]
Colour	Smooth, RAL 9010 - Standard. Smooth, ____ Textured ____
Size	[_____]
Form	Angled profile - Single central luminaire Curved profile - Dual lamp central luminaire Curved profile - Integral chilled beam with dual side mounded luminaires Curved profile - Single central luminaire Flat profile - Single central luminaires
Material	Aluminium Mild steel
Perforation pattern	[_____]
Colour	Smooth, RAL 9010 - Standard. Smooth, ____ Textured ____
Integrated services	Not required Airflow grilles reference ____ Integral cooling elements reference ____ Loudspeakers Modular luminaire reference ____ Presence sensors Smoke detectors Sprinklers
Accessories	[Not required] [Stillsound insert reference ____]