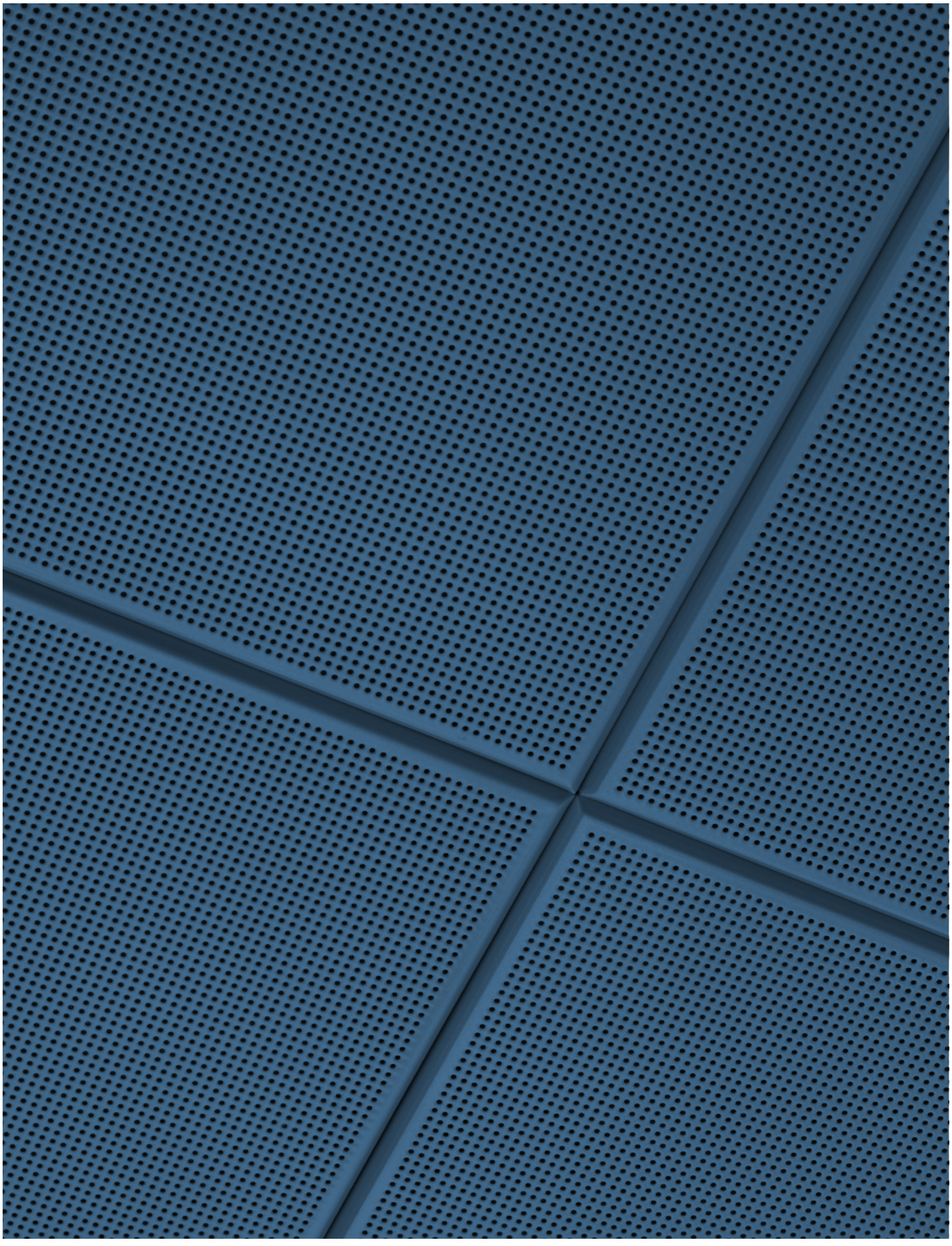
SAS150

SAS International



Overview

SYSTEM GROUP	GRID
	
Suspended Ceiling	Concealed Grid – SAS Shallow or Deep Omega Bar

TILE	
	
Clip-in	Bevelled edges | Closed butt-joints

ACOUSTICS	
A–D	**15-41dB**
Absorption class	Insulation

ACCESS	SYSTEM WEIGHT	LIFE EXPECTANCY
	**9kg/m²** Approx.	**25yr**
Full – hinge and slide tiles	Based on 600 x 600mm tiles*	In excess of

***Note** This includes the entire system and full associated components (suspension, tile, acoustic pad and associated fixings.)

SAS**150**

SAS150 offers all the benefits of SAS120, with the additional convenience of hinge-down access minimising risk of damage. Clip-in systems allow for upward cleaning pressure without dislodging or displacing tiles. If required, voids can be secured through the use of a simple clip mechanism.

Hospitals and food preparation areas are ideal examples of appropriate environments, however the system is suitable for numerous applications.

Module Sizes (mm) with 4mm bevel

300 x 300	500 x 500
300 x 600	500 x 1500
300 x 900	600 x 600
300 x 1200	600 x 1200
300 x 1500	750 x 750 with 2mm bevel

Bespoke module sizes and shapes are available on request.

Access
Hinge down and slide – The void is completely accessible with the use of a simple tool.

Alternatively, in areas where security is paramount optional security clips are available. This restricts access to the void to minimise security concerns.

Finishes
SAS150 is available in all standard SAS finishes, please refer to page 105. Bespoke finishes are available on request.

Perforations
Typically supplied with 1522 (available as stock item), 1820 or 2516. 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, please refer to page 20.

Please note SAS150 is not suited to all SAS acoustic materials due to maximum loads on clip-in systems.

Service Integration
Tiles can be formed with apertures during manufacturing and post painted for integration with lights and other services.

Please note SAS150 tiles will support loads up to 2.5Kg. Pattresses can be used to support loads up to 6Kg. Anything in excess of 6Kg requires independent suspension.

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

Additional System Information
The deep Omega Bar has a maximum spanning capability of 2000mm. The wide spanning bar requires 25% less primary channels, top fixings and brackets, saving installation time and materials.

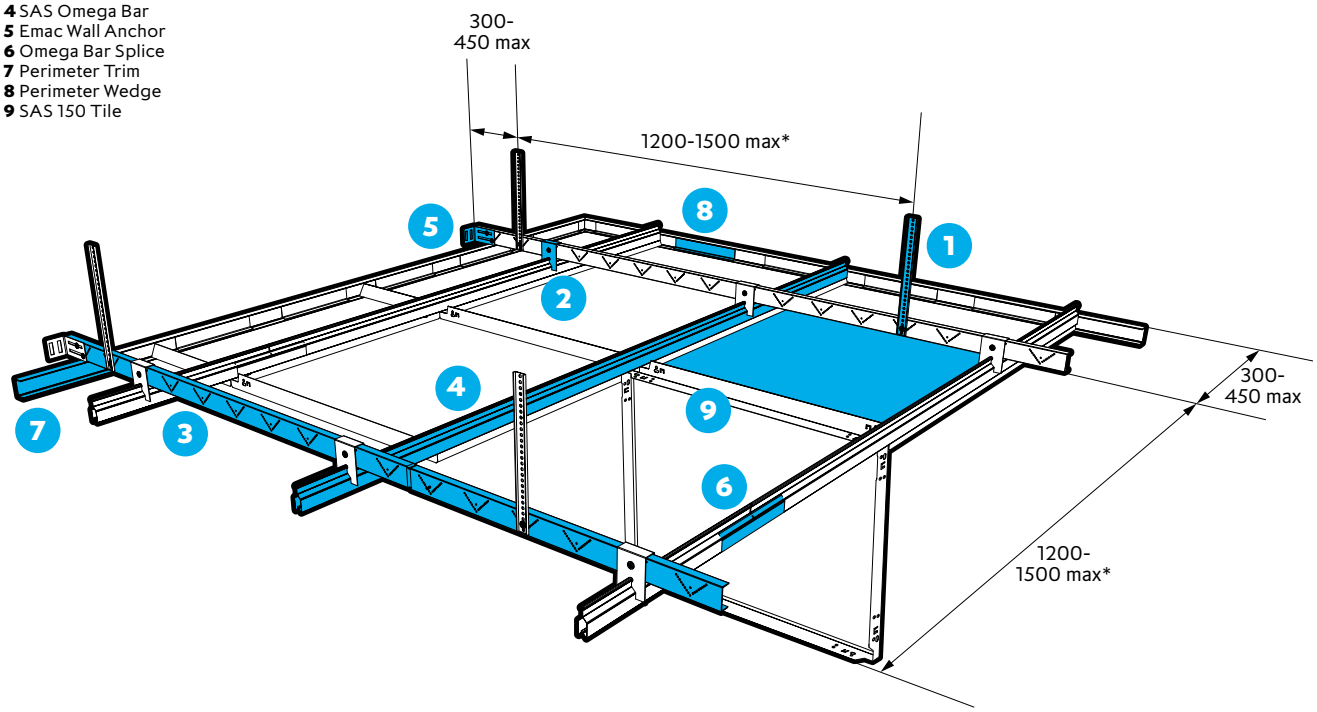
Suspension centres should be reduced when using high performing dB panels due to the additional weight or where loads are applied to the system.

SAS150

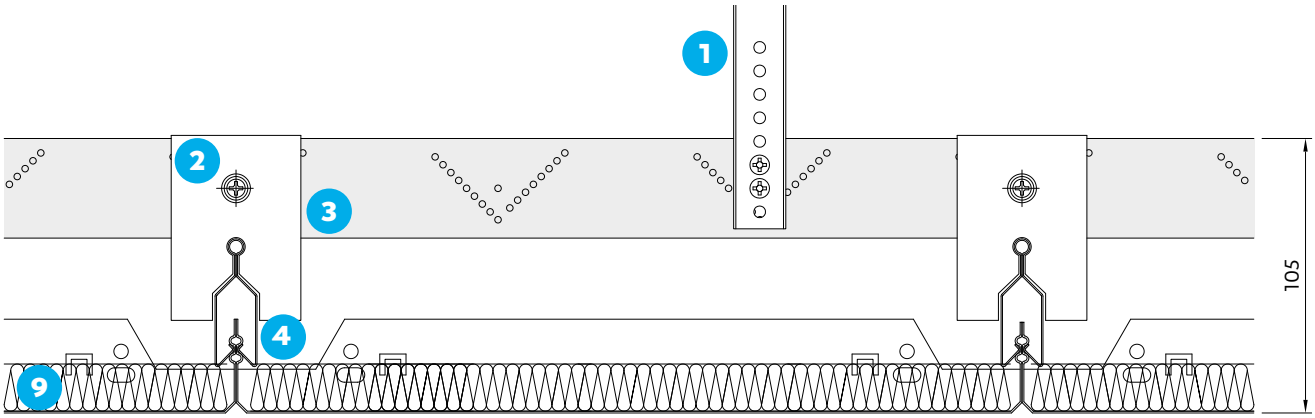
Perspective Drawing

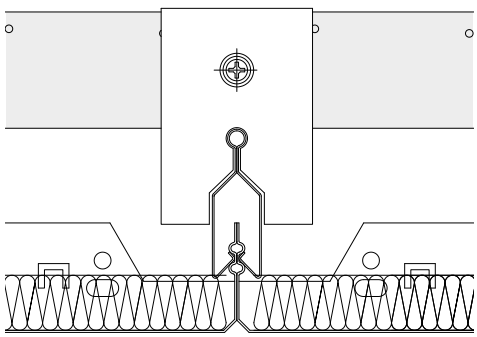
1 Emac Hanger
2 Omega Bar to Channel Bracket
3 Emac Channel
4 SAS Omega Bar
5 Emac Wall Anchor
6 Omega Bar Splice
7 Perimeter Trim
8 Perimeter Wedge
9 SAS 150 Tile

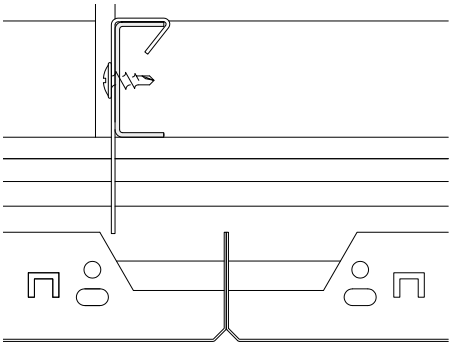
*Lightweight installations only, see page 253 for full details.



Section and detail drawings



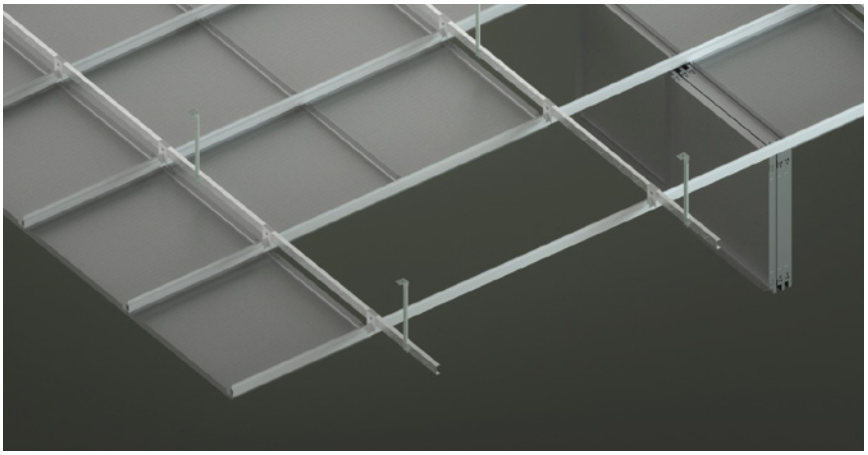




All dimensions are in mm.

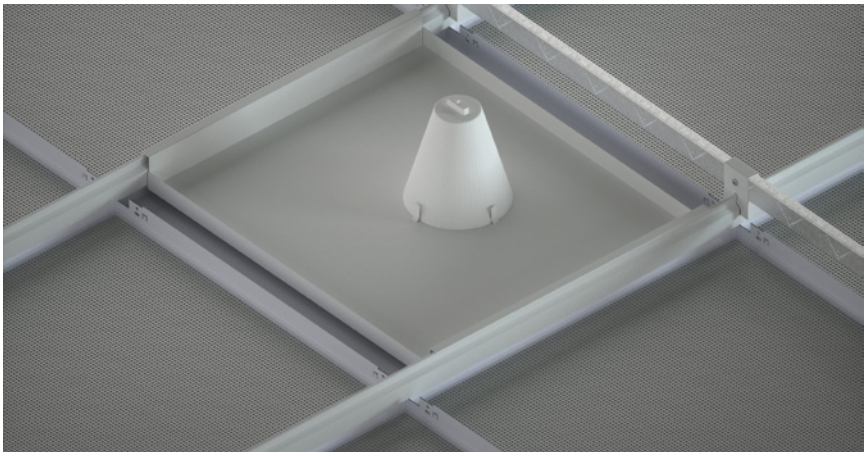
SAS**150** | Features

Hinge and Slide Facility



SAS150 allows every full tile to pivot and slide along the grid system. This feature facilitates easy access to large areas of the ceiling void for maintenance. Tiles are retained within the ceiling grid avoiding damage and eliminating the need for storage.

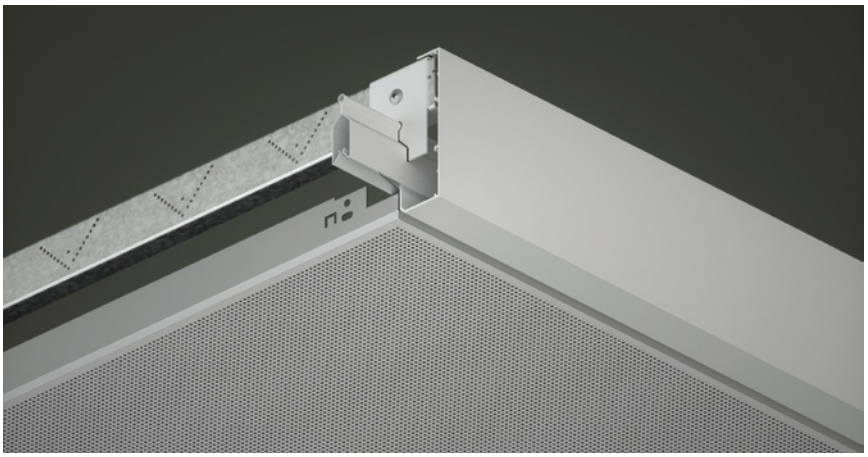
Service Integration



Lighting and other services can be integrated with SAS150. Modular lighting can be supported directly from the soffit. Where maximum point loads are exceeded (2.5Kg) the service must be supported independently or from the grid.

Loads in excess of 2.5Kg and up to 6Kg can be supported by an SAS Pattress. This distributes the load across the SAS Omega Bar and eliminates the need for complicated support arms. Loads in excess of 6kg must be supported independently. For more information on load support, please contact our technical design department.

Bulkhead Closure Panels



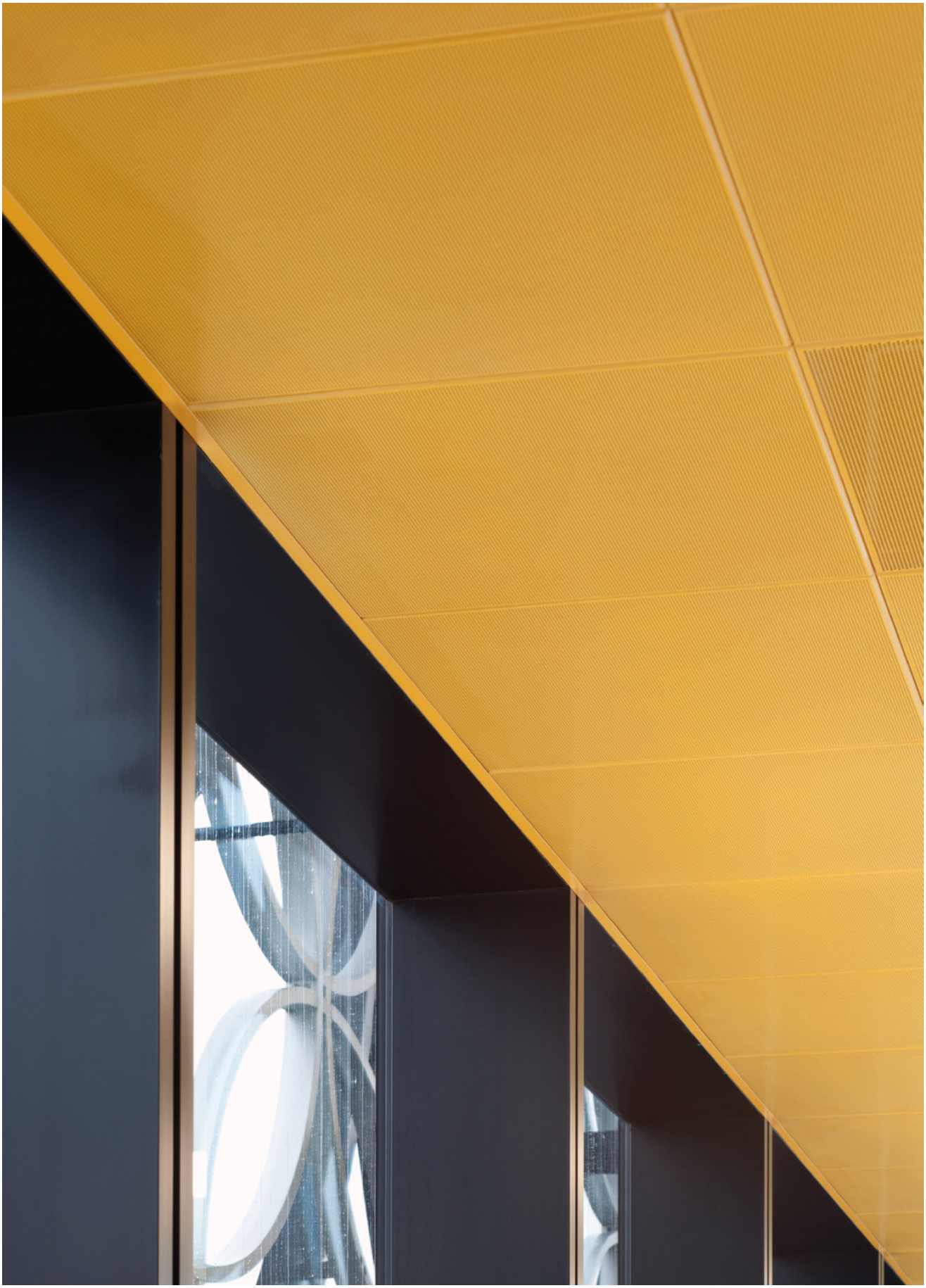
Bulkhead closure panels enable floating rafts and ceilings to be created using a standard clip in ceiling tile. The height of the closure panels can be manufactured to suit project requirements. For more information on closure panels, please contact our technical design department.

SAS**150**

Aldar HQ

Location
Abu Dhabi, U.A.E
Architect
MZ and Partners

Contractor
ALDAR Laing O'Rourke Construction LLC
Purpose
Commercial



SAS**150**

Library of Birmingham

Location
Birmingham, UK
Architect
Mecanoo Architecten

Contractor
Carillion Plc
Purpose
Leisure

SAS**150**

Top

International Tower, ADNEC

Location
Abu Dhabi
Architect
Artillery Architecture & Interior Design

Contractor
Group 3 Engineers and Contractors
Purpose
Commercial

Bottom

BBC Broadcasting House

Location
20 Portland Place, London, UK
Architect
Sheppard Robson/ MJP Architects

Contractor
Lend Lease
Purpose
Commercial

SAS150 PLUS

Ingeni Building

Location
London
Architect
Richard Rogers Partnership

Contractor
John Sick & Son
Purpose
Commercial

SAS PLUS

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.

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