

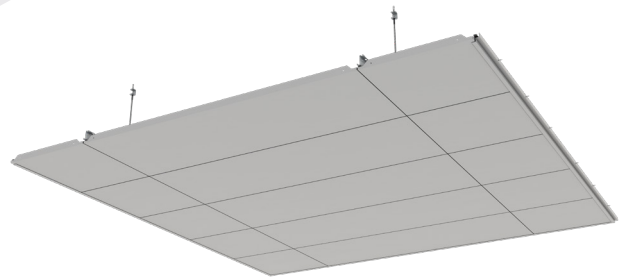


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Refer to Colors, Finishes
and Perforation
Patterns Section

HOOK-ON CEILING SYSTEM DRAWINGS



FEATURES AND BENEFITS

- Concealed suspension ceiling system with a variety of configurations that can fit any contemporary interior design.
- All panels are demountable without the need for special tools, allowing easy access to plenum for simple maintenance.
- Configurable panel sizes and layouts offer the designer more freedom with their design.

APPLICATIONS

- Airports
- Train stations
- Commercial spaces
- Offices
- Lounges
- Open halls

	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
Sound Absorption	A1 Pattern** with Acoustic Fleece	0.70	0.95	0.75	0.75	0.80	0.80	0.75
	A1 Pattern** with Infill***	0.70	0.90	1.0	1.0	1.0	1.0	1.0

* Calculated to ASTM C 423-01

** A1 Pattern: Diagonal Pattern. Hole Size Dia: 1.8mm, Open Area: 20%

*** Infill: Acoustic Fleece and 30mm Soft Fiber with Aluminium Foil



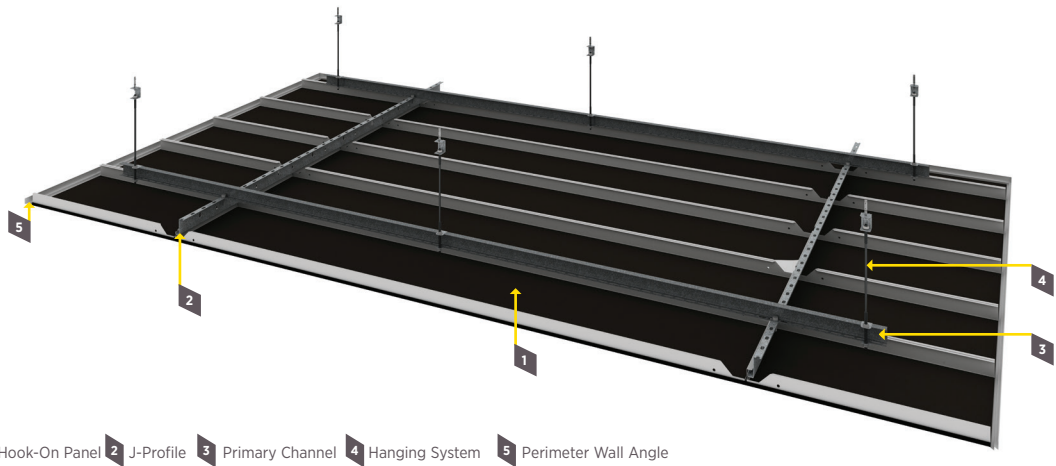
HOOK-ON



HOOK-ON CEILING SYSTEM COMPONENTS

Metal Hook-On Panel, Bottom View	Metal Hook-On Panel, Top View	Hanging System
J-Profile	Primary Channel	Perimeter Wall Angle Options
 Galvanized Steel, H=51mm, L=2400mm	 Galvanized Steel, H=40mm, L=3000mm	
J-Profile Hanging Bracket	System Section	

SYSTEM DRAWINGS



SYSTEM SPECIFICATION

Material Classification

Galvanized Steel: Type V
Aluminium: Type VII
Stainless Steel: Type VI
Pattern: A, C, G

Thickness

Powder coat finish: 0.6mm – 1.4mm
Wooden finish: 0.6mm

Panel Height

40mm up to 200mm

Panel Width

200mm up to 1200mm

Panel Length

Up to 2400mm

Edge (optional)

3mm black gasket

Color

Standard colors are RAL 9005, RAL 9006, RAL 9016.
Other RAL colors are available upon request.

Light Reflectance Coefficient [LR]

Based on the finish color and perforation pattern, LR up to 0.82

Surface Burning Characteristics per ASTM E 84

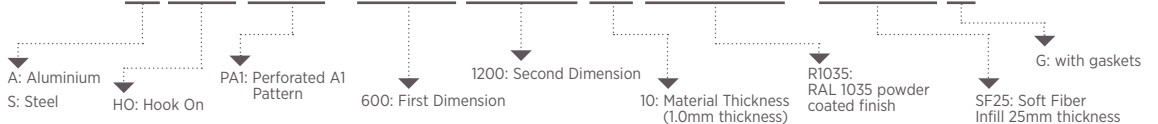
Class A

Additional Information

- Thickness depends on panel sizes and project requirements
- Consult USG ME for other panel widths

ITEM CODIFICATION

AHOPA1-600120010R1035-SF25G



HOOK-ON



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS



HEALTHCARE APPLICATION

HOOK-ON METAL CEILING ACOUSTICAL PERFORMANCE

USG Middle East supplies metal ceiling panels with a range of acoustical performance to meet the needs of all kinds of projects. A variety of sound-absorbing backing options are available with performance up to 1.0 NRC and 34dB CAC. Consult with the USG Middle East technical team for further guidance.

PATTERN	OPEN AREA%	CELEBRETTO® METAL CEILING INFILL OPTIONS	CAC	NRC
A1	20%	Acoustic fleece	-	0.75
A1	20%	19mm Soft Fiber infill	-	0.90
A1	20%	15mm Mineral Fiber infill	32	-
A1	20%	Acoustic fleece with 30mm Stone Wool & 19mm Mineral Fiber infill	32	0.90
A1	20%	Acoustic fleece with 25mm Glass Wool & 12mm Gypsum infill	30	0.85
A1	20%	Acoustic fleece with 30mm Stone Wool & Aluminum Foil	34	1.00
B2	16%	Acoustic fleece	-	0.60
15D	22%	Acoustic fleece	-	0.60
15D	22%	Acoustic fleece with 30mm Stone Wool & Aluminum Foil	30	0.80
15E	11%	Acoustic fleece	-	0.65
15E	11%	Celebretto Metal Ceiling with acoustic fleece and 30mm Stone Wool & Aluminum Foil	27	0.80
7E	1%	Celebretto Metal Ceiling with acoustic fleece	-	0.65
7E	1%	Celebretto Metal Ceiling with acoustic fleece and 30mm Stone Wool & Aluminum Foil	26	0.90

- A1 Pattern: Diagonal Pattern, Hole Size Dia 1.8mm
- B2 Pattern: Even Pattern, Hole Size Dia 2.5mm
- 15D Pattern: Diagonal Pattern, Hole Size Dia 1.5mm

- 15E Pattern: Even Pattern, Hole Size Dia 1.5mm
- 7E Pattern: Even Pattern, Hole Size Dia 0.75mm

INFILL OPTIONS*

Plain	Acoustic Fleece	Acoustic Fleece and Soft Fiber	Acoustic Fleece and Mineral Fiber

* Additional backer options available for NRC and CAC enhanced total acoustical performance

Notice:

As we are involved in constant products development; this document information is subject to change without prior notice. Please always refer to usgme.com for the updated products information document.

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