



GYPTech

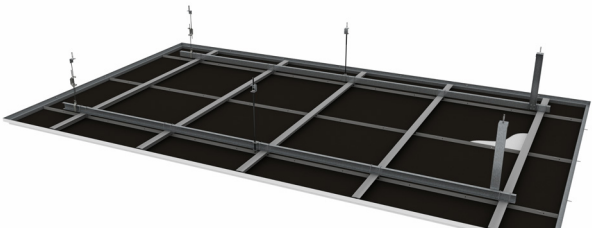
Converting your vision into solid reality

**PERFORATED METAL
ACOUSTIC CEILING TILES
WITH HALCYON INFILL PANEL
CLIP-IN**





CLIP-IN CEILING SYSTEM DRAWINGS



Sound Absorption	Frequency, Hz	125	250	500	1000	2000	4000	NRC*
	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

FEATURES & BENEFITS

- Concealed ceiling design.
- Wide range of standard perforation patterns.
- Wide range of optional wooden patterns.
- Durable and washable polyester powder finish.
- Robust and easy to clean.
- High sound absorption and sound attenuation.
- Environmentally friendly and recyclable.

APPLICATIONS

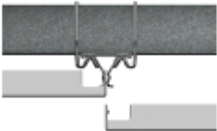
- Interior and exterior applications
- Transportation & airports
- Educational
- Healthcare
- Commercial buildings
- Hi-Rise & offices
- Financial & banking
- Malls & residential
- Kitchen & dietary
- Laundry

**GRID PROFILE
OPTIONS**

**SPECIFICATION
DETAILS**



Spring T



Clip-in Metal Ceiling by USG ME meets the requirements in accordance with ASTM C635, ASTM C636, ASTM C423 and ASTM E84.

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

Panel Size
300 x 300mm, 300 x 1200mm, 300 x 1500mm, 600 x 600mm, 600 x 1200mm,
1200 x 1200mm

Panel Thickness
0.6 to **1.4mm**

Panel Height
10mm, 20mm

Edge Detail Trim
Beveled edge: 600 x 600mm, 600 x 1200mm
Square edge: All other panel configuration

Light Reflectance Coefficient [LR]
Based on the finish color, Up to 0.82

Color
Standard colors are RAL 9016, RAL 9006 and RAL 9010.
Other RAL colors are available upon request. Wooden patterns are available upon request

Surface Burning Characteristics per ASTM E 84
Class A

Infill Options
Plain
Acoustic Fleece
Acoustic Fleece and Glass Wool
Acoustic Fleece and Mineral Fiber
Washability / Scrubbability as per ASTM D4828 & D2486
Exceeds 1000 Wash/Scrub Cycles without surface break or the extent of abrasion

Relevant LEED® Credit
EA Credit 1 | MR Credit 4| MR Credit 5 |
MR Credit 6 | IEQ Credit 3 | IEQ Credit 3.2 |
IEQ Credit 4.6 | IEQ Credit 8.1 | IEQ Credit 9

ITEM CODIFICATION

ACPA1-6006006R16



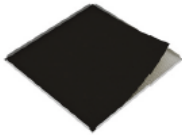
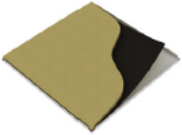
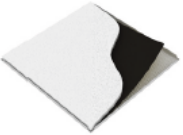
CLIP-IN METAL
CEILING ACOUSTICAL
PERFORMANCE

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