

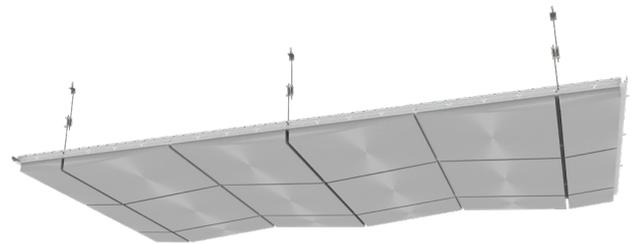


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Refer to Colors, Finishes
and Perforation
Patterns Section

GEOMETRIX CEILING SYSTEM DRAWINGS



FEATURES AND BENEFITS

- Multiple panels depths lend new dimension to ceiling design
- Panel depths of 7mm-200mm provide an array of possibilities for the architect.
- 600x600mm lay-in panels are compatible with USG Middle East DONN® brand suspension systems for T24 or T15.
- Plain or perforated panels.
- Available in custom colors for design versatility.
- Panel configuration available in flat panel and wedge panel.

APPLICATIONS

- All commercial applications
- Wall to wall ceilings
- Schools
- Executive offices
- Reception and lobby areas
- New construction or renovation

	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



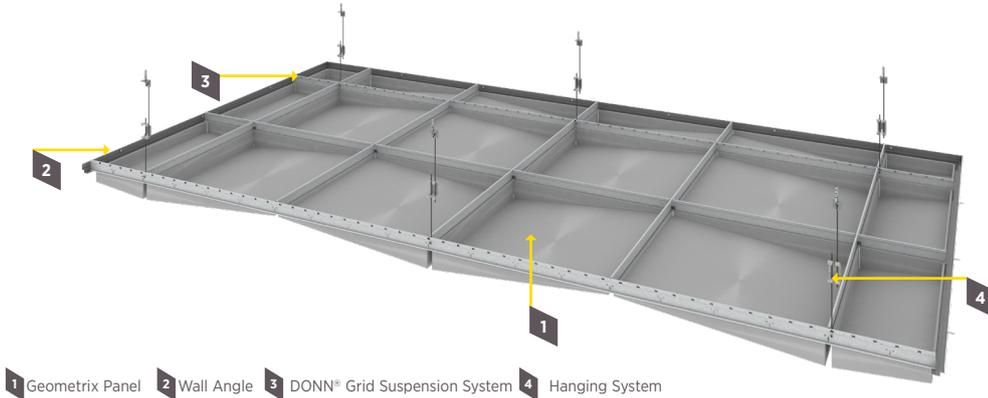
GEOMETRIX



GEOMETRIX SYSTEM COMPONENTS

Geometrix Panel	Suspension System (DONN® Brand)	Hanging System

SYSTEM DRAWINGS



1 Geometrix Panel 2 Wall Angle 3 DONN® Grid Suspension System 4 Hanging System

SYSTEM SPECIFICATION

<p>Material Classification Galvanized Steel: Type V Aluminium: Type VII Stainless Steel: Type VI Pattern: A, C, G</p> <p>Panel Thickness Powder coat finish: 0.6mm – 1.4mm Wooden finish: 0.6mm</p> <p>Panel Size 600x600mm</p> <p>Panel Depth (Height) 7mm - 200mm</p>	<p>Edge Lay-in square edge</p> <p>Light Reflectance Coefficient [LR] Based on the finish color and perforation pattern, LR up to 0.82</p> <p>Color Standard colors are RAL 9005, RAL 9006, RAL 9016. Other RAL colors are available upon request.</p>	<p>Surface Burning Characteristics per ASTM E 84 Class A</p> <p>Additional Information</p> <ul style="list-style-type: none"> Thickness depends on panel sizes and project requirements Consult factory for other panel widths
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GEOMETRIX 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

GEOMETRIX



HIGH SOUND ABSORPTION



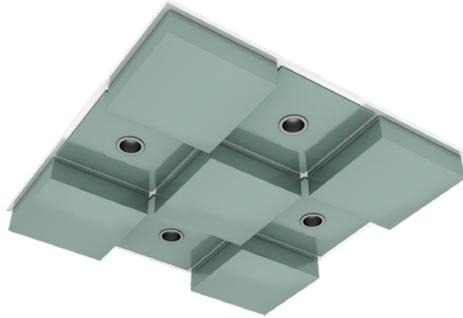
CEILING ATTENUATION CLASS



HEALTHCARE APPLICATION

GEOMETRIX DESIGNS

DESIGN 1



DESIGN 2



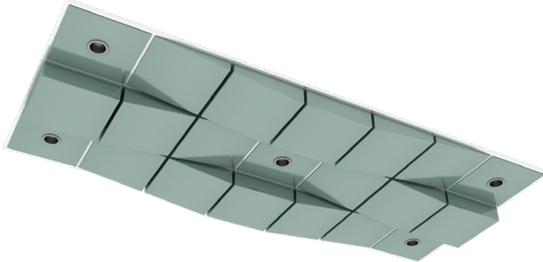
DESIGN 3



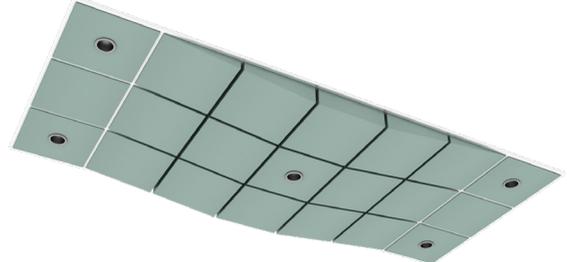
DESIGN 4



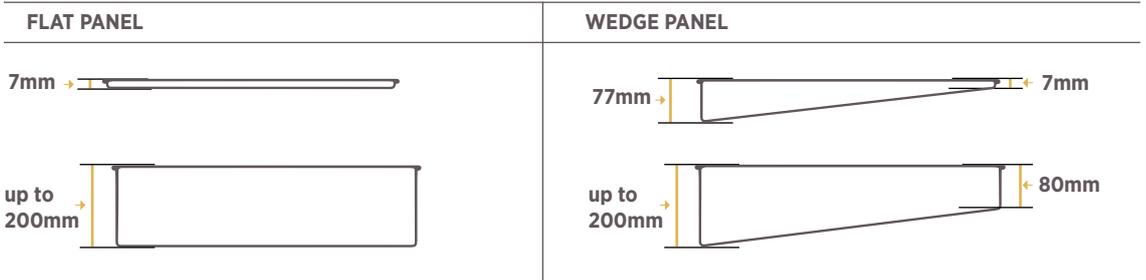
DESIGN 5



DESIGN 6



PANELS CONFIGURATIONS



ITEM CODIFICATION

ALGX150N-6006007R16

A: Aluminium
S: Steel
SS: Stainless Steel

LGX: Lay-In Geometrix

N : Narrow (T15 grid)
W: Wide (24 grid)

150: Panel Depth

600600: Panel Dimensions

7: Material Thickness (0.7mm thickness)

R16: RAL 9016 Powder Coated Finish

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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