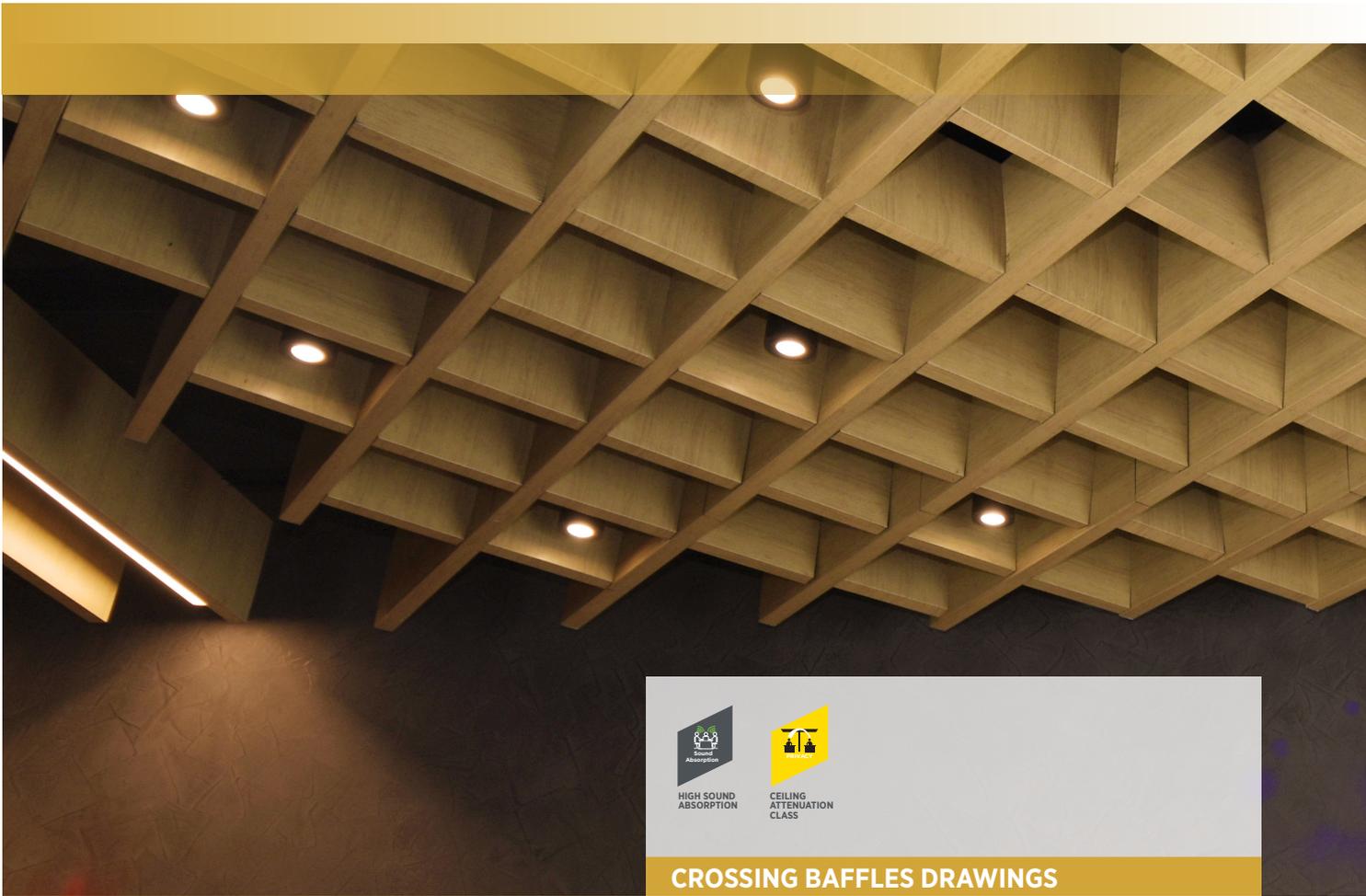


CELEBRETTO® CROSSING BAFFLES



CROSSING BAFFLES DRAWINGS



FEATURES AND BENEFITS

- Available in a wide range of system sizes with different baffles, dimensions, and finishes, as per a project's requirements.
- A unique modern look that fits any interior design concept.
- Available in plain and perforated patterns for acoustic performance.
- Unique design - metal baffle integrated with metal lay-in ceiling or mineral fiber ceiling to improve the space's aesthetic and acoustic performance.

APPLICATIONS

- Airports
- Business & residential towers
- Hotels
- Entertainment hallways
- Restaurants

AVAILABLE COLOR



Explore our complete range of options in **CELEBRETTO® Colors, Finishes and Perforations Pattern** catalogue for detailed insights.

SOUND ABSORPTION

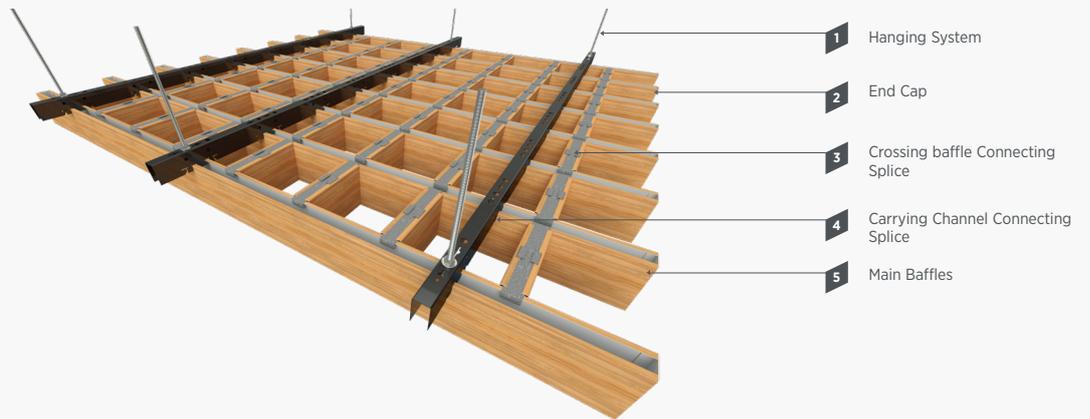
Frequency, Hz	125	250	500	1000	2000	4000	NRC*
A1 Pattern Fully Perforated**	0.25	0.50	1.0	1.0	1.0	1.0	0.85

* Calculated to ASTM C 423-01

** Acoustic Fleece and 38mm Soft Fiber Infill



CROSSING BAFFLES SYSTEM DRAWINGS





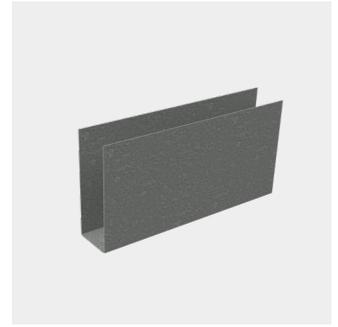
SYSTEM COMPONENTS



Main Baffle



Baffle End Cap



Baffle Connecting Splice



Crossing Baffle with Suspension



Carrying Channel



Hanging System

SYSTEM SPECIFICATION

Material Classification

Type C,
Form C1, C2,
Pattern A, B, C, G

Thickness

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

Baffle Width

30mm, 40mm, 50mm, 80mm, 100mm, 150mm

Baffle Height

50mm, 80mm, 100mm, 150mm, 200mm

Baffle Length

Up to 2400mm

Baffle Spacing (clear gap)

Min 30mm

Light Reflectance Coefficient [LR]

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

Color

Standard: RAL 9016, RAL 9006 and RAL9010.
Other RAL colors are available upon request

Surface Burning Characteristics per ASTM E 84
Class A

Additional Information

- Recommended spacing is to be equal to the height of the baffle
- Thickness depends on panel sizes and project requirements
- Consult USG Middle East technical team for other panel widths



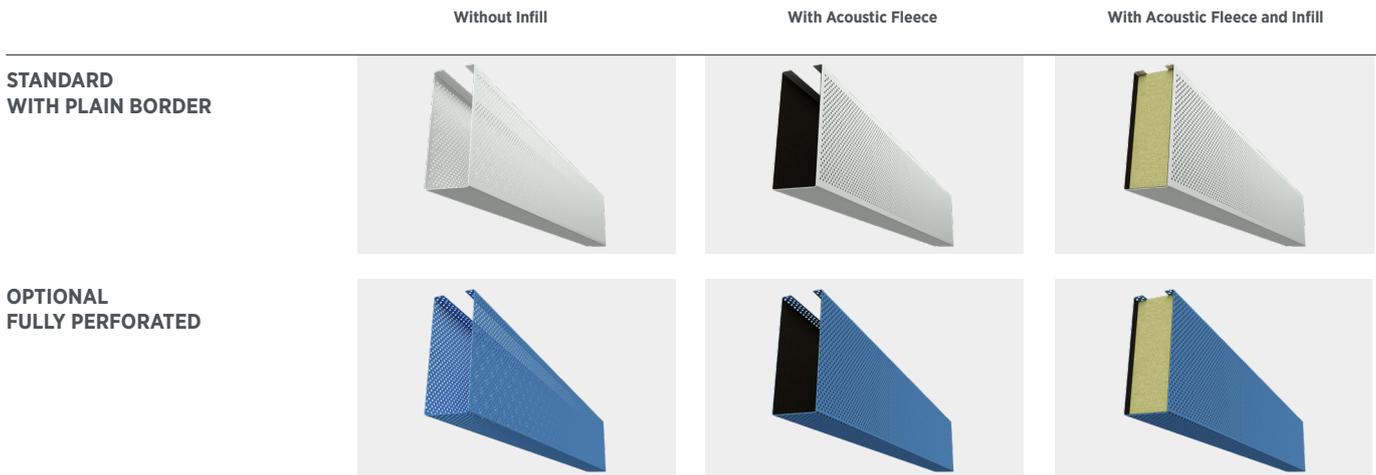
CROSSING BAFFLE METAL CEILING ACOUSTICAL PERFORMANCE

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. Consult with the USG Middle East technical team for further guidance.

PATTERN	OPEN AREA%	CELEBRETTO® METAL CEILING INFILL OPTIONS	CAC	NRC
A1	20%	Paraline Baffles with 38mm Soft Fiber infill	-	0.85

• A1 Pattern: Diagonal Pattern, Hole Size Dia 1.8mm

INFILL OPTIONS*



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



ITEM CODIFICATION

Main Baffle

S: Steel
A: Aluminium
CBM: Crossing Baffle Main
40: Baffle Width
200: Baffle Height
7: Material Thickness (0.7mm Thickness)
WF4: Wood Finish WF4

SCBM-402007WF4

Crossing Baffle

S: Steel
A: Aluminium
CBC: Crossing Baffle Cross
40: Baffle Width
200: Baffle Height
300: Baffle Length
7: Material Thickness (0.7mm Thickness)
WF4: Wood Finish WF4

SCBC-402003007WF4

Carrying Channel

CC: Carrying Channel
40: Carrying Channel Width
300: Clear Gap Between Carrying Channel
6: Material Thickness (0.6mm thickness)
R05: RAL 9005

CC403006R05