

CELEBRETTO® PARALINE BAFFLES

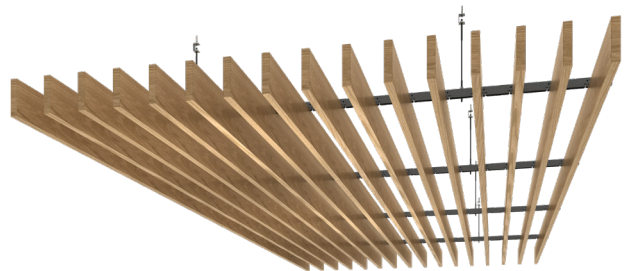


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Refer to Colors, Finishes
and Perforation
Patterns Section

PARALINE BAFFLES DRAWINGS



FEATURES AND BENEFITS

- Paraline baffles are metal baffles with easy access to enclosed plenum.
- Available in a wide range of system sizes with different baffles dimensions and finishes, as per a project's requirements.
- Unique modern look that fits any interior design concept.
- Available with an optional closing strip.
- Available in plain and perforated pattern for acoustic performance.
- Special design - metal baffle integrated with linear strip ceiling to improve the space aesthetic and acoustic performance.
- Can be installed directly onto the existing ceiling or with hanging suspension system.

APPLICATIONS

- Entertainment
- Lobbies
- Restaurants
- Offices
- Transportation

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



PARALINE BAFFLES

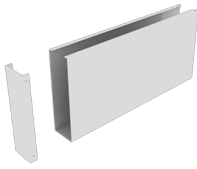
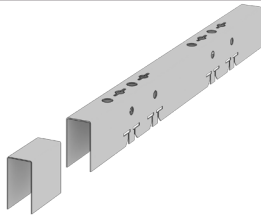
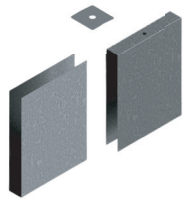

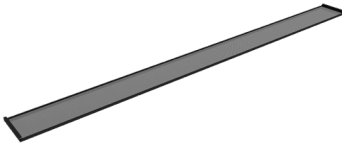
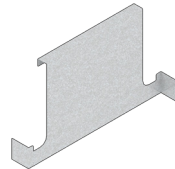


HIGH SOUND ABSORPTION

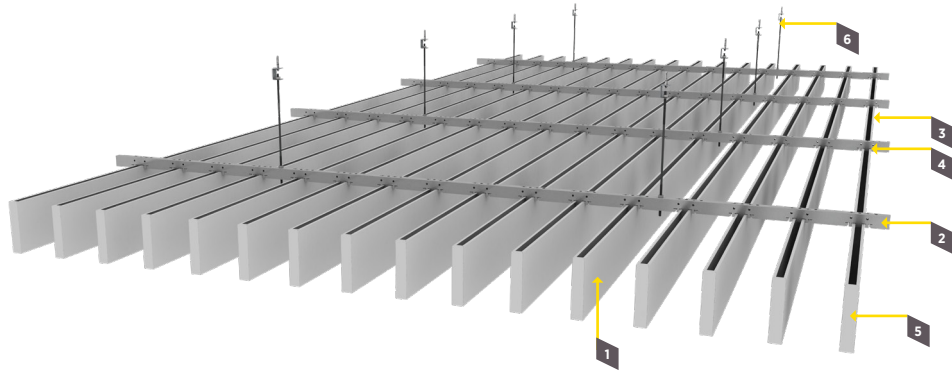


CEILING ATTENUATION CLASS

PARALINE BAFFLES CEILING SYSTEM COMPONENTS

<p>Paraline Baffle & End Cap</p> 	<p>Carrying Channel & Connector</p> 	<p>Connecting Splices & Tightening Piece</p> 
<p>Hanging System</p> 	<p>Closing Strip (Baffle with closing strip option)</p> 	<p>C-Channel Bracket (Baffle with closing strip option)</p> 

SYSTEM DRAWINGS



1 Paraline Baffles 2 Metal Carrying Channel 3 Baffle Connecting Splice 4 Carrying Channel Connecting Splice 5 End Cap 6 Hanging System

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

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 colors are RAL 9016, RAL 9006 and RAL 9010.
 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 factory for other panel widths

ITEM CODIFICATION

Paraline Baffles

SPBA1-301007R16-SF25

S: Steel
 A: Aluminium

PA1: Perforated A1 Pattern
 PB: Paraline Baffle

100: Baffle Height
 30: Baffle Width

R16: RAL 9016
 7: Material Thickness (0.7mm Thickness)

SF25: Soft Fiber Infill 25mm Thickness

Carrying Channel

CC301206R05

CC: Carrying Channel

120: Clear Gap Between Carrying Channel

R05: RAL 9005 Powder Coating

30: Carrying Channel Width

6: Material Thickness (0.6mm thickness)

PARALINE BAFFLES



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS

PARALINE BAFFLES
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*

STANDARD
WITH PLAIN BORDER

Plain	Acoustic Fleece	Acoustic Fleece and Soft Fiber

OPTIONAL
FULLY PERFORATED

* 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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