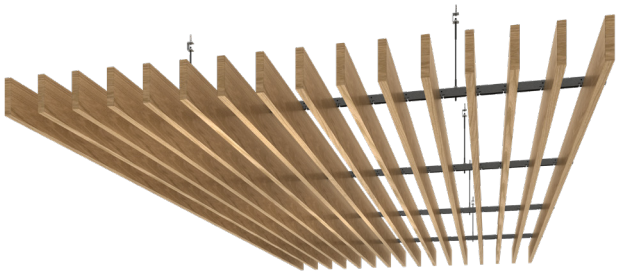
CELEBRETTO
PARALINE BAFFLES

VISIT USGME.COM TO ORDER SAMPLES

Refer to Colors, Finishes and Perforation Patterns Section



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

PARALINE BAFFLES DRAWINGS

Sound Absorption

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
A1 Pattern Standard with Plain Border**	0.15	**0.35**	**0.50**	**0.75**	**0.70**	0.60	**0.60**
A1 Pattern Fully Perforated***	0.30	**0.50**	**0.90**	**1.0**	**1.05**	1.0	**0.85**

* *Calculated to ASTM C 423-01*
** *Acoustic Fleece and 50mm Soft Fiber Infill*
*** *Acoustic Fleece and 38mm Soft Fiber Infill*

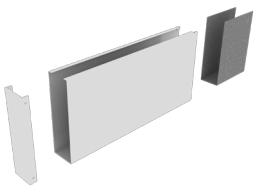
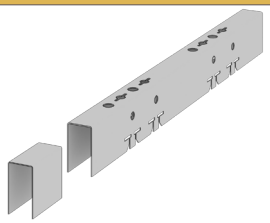
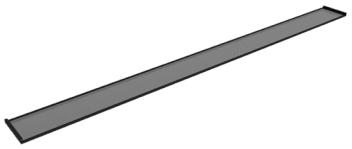
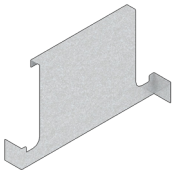
USG BORAL
INNOVATION INSPIRED BY YOU.™

PARALINE BAFFLES

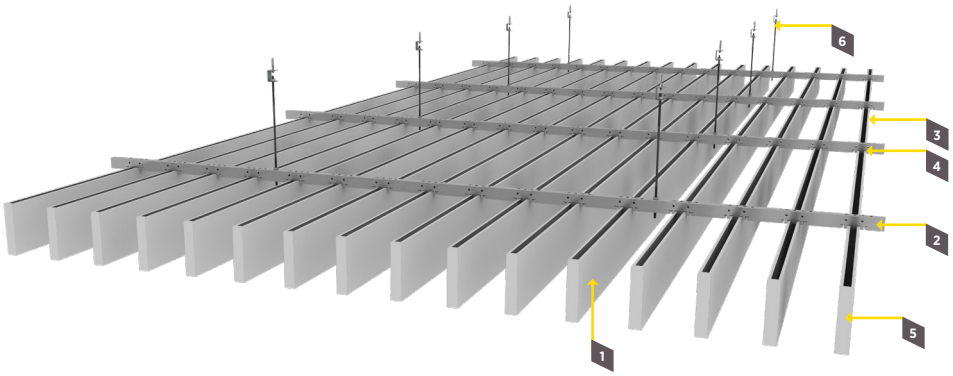
HIGH SOUND ABSORPTION

CEILING ATTENUATION CLASS

PARALINE BAFFLES CEILING SYSTEM COMPONENTS

Paraline Baffle, Connector & End Cap	Carrying Channel & Connector	Hanging System
		
Closing Strip (Baffle with closing strip option)	**C-Channel Bracket** (Baffle with closing strip option)	
		

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, RAL9006 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 factory for other panel widths

ITEM CODIFICATION

Paraline Baffles

SPBA1-301007R16-SF25

- S: Steel / A: Aluminium
- PB: Paraline Baffle
- PA1: Perforated A1 Pattern
- 30: Baffle Width
- 100: Baffle Height
- 7: Material Thickness (0.7mm Thickness)
- R16: RAL 9016
- SF25: Soft Fiber Infill 25mm Thickness

Carrying Channel

CC301206R05

- CC: Carrying Channel
- 30: Carrying Channel Width
- 120: Clear Gap Between Carrying Channel
- 6: Material Thickness (0.6mm thickness)
- R05: RAL 9005 Powder Coating

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.

MATERIAL DESCRIPTION	ACOUSTIC TREATMENT	ACOUSTIC TREATMENT	SOUND ABSORPTION	
			NRC	αw
Metal Baffles 2400x100x50mm, 100mm spacing O.C.	A1, Standard with Plain Border	Acoustic Fleece and 50mm SF Infill	0.60	0.55
Metal Baffles 2400x120x40mm, 120mm spacing O.C.	A1, Fully Perforated	Acoustic Fleece and 38mm SF Infill	0.85	0.80

A1 Pattern: Diagonal Pattern. Hole Size Dia: 1.8mm, Open Area: 20%
SF: Soft Fiber

INFILL OPTIONS*

Plain	Acoustical Fleece	Acoustical Fleece and Soft Fiber
STANDARD WITH PLAIN BORDER		
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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