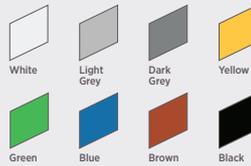


# LOUNA™ BAFFLE

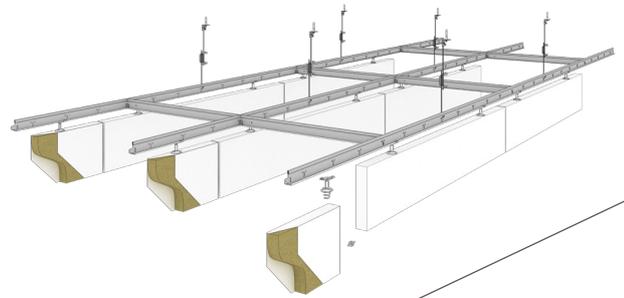


VISIT [USGME.COM](http://USGME.COM) TO ORDER SAMPLES

**FINISH OPTIONS**



**LOUNA™ BAFFLE DRAWING**



**FEATURES & BENEFITS**

- An elegant acoustic solution made from stone wool for any space
- Creates spacing in ceiling designs.
- Louna Baffle is a vertical hanging acoustic board encapsulated edges.
- Soft Fiber substrate with monolithic visual reduces installation time.
- Improved acoustic properties at exposed workplaces with NRC values of up to 0.90 (depending on baffle spacing from each other).
- Can accommodate existing elements such as lighting and air conditioning.
- Allows chilled beams or thermal mass heating to function as intended.
- Available in custom sizes and colors upon request.

**APPLICATIONS**

- Hotels
- Leisure centers
- Restaurants and cafes
- Open-plan areas
- Transportation (airports, bus terminals and train stations)
- Convention halls and concourses

Frequency, Hz	125	250	500	1000	2000	4000	NRC
1800x300x40mm	0.20	<b>0.30</b>	<b>0.65</b>	<b>0.90</b>	<b>0.85</b>	0.80	<b>0.70</b>

Sound Absorption

\* Calculated to ASTM C 423-01



# LOUNA™ BAFFLE



PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS

Consists of a stainless-steel String dropping from the soffit and a Spiral Anchor (Spring) that is fixed on the tiles through helicoidal rotation. The String is adjustable to suit different plenum heights. The Spring is designed to safely hold the tile weight of a floated ceiling.

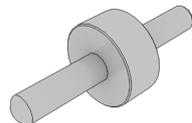
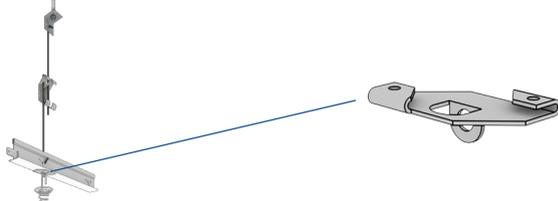
**Materials Classification** Stainless Steel 1.5mm wire diameter with breaking force of 2.10 KN

**Product Specs** Suspension Rope with Cable Gripper & Hook dia 1.5mm

**Spiral Anchor** dia 22mm

**ASTM & Code Standards** Stainless Steel Wire: ASTM A 580/A 580M, Type 304, nonmagnetic.

Stainless Steel Wire that exceeds design load requirements of ASTM C635

<p><b>Spiral Anchor dia 22mm</b></p> 	<p><b>Cable Gripper with Hook</b></p> 	<p><b>Wire Rope 1.5mm</b></p> 
<p><b>Connecting Guiding Pin (optional)</b></p> 	<p><b>(Option 2) Donn® Grid Suspension System</b></p> 	

Louna™ Baffle Ceiling meets the specifications in accordance with ASTM E1264.

**Materials Classification**

Type: XX,  
Pattern: G

**Substrate and Surface Finish**

Stone Wool substrate laminated with pre-painted fiberglass scrim and back fiberglass tissue

**Thickness**

40mm, 50mm

**Size**

200x600mm, 200x1200mm  
200x1800mm, 200x2400mm,  
300x600mm, 300x1200mm,  
300x1800mm, 300x2400mm,  
600x600mm, 600x1200mm,  
600x1800mm, 600x2400mm

**Edge Detail Trim**

Square blade

**Fixing**

Steel String dropping from the soffit and a Spiral Anchor (Spring) that is fixed on the baffle through helicoidal rotation. The String is adjustable to suit different plenum heights. The Spring is designed to safely hold the tile weight of a floated ceiling.

**Density**

120-140 kg/m<sup>3</sup>

**Noise Reduction Coefficient [NRC]**

up to 0.90 depending on baffle thickness and spacing

**Mold Prevention Application as per ASTM D3273**

Rate 10

**Light Reflectance Coefficient [LR]**

0.88

**Color**

White, other RAL colors on request

**Surface Burning Characteristics as per ASTM E84**

Class A

**Thermal Conductivity**

$\lambda = 0.036 \text{ W/m}^2\text{K}$

**Washability / Scrubbability as per ASTM D4828 & D2486**

Exceeds 1000 Wash/Scrub cycles without surface break or the extent of abrasion upon request

**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 | IE Credit 9

**Maintenance**

Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean, white cloth with warm water and wipe surface.

**Additional Information**

- USG Middle East's Skynest Louna™ Baffles are flat. However, they will exhibit an inherent deflection, which may be more apparent as the proximity to adjacent surfaces is reduced. This deflection should be no more than 5mm. Local environmental conditions may increase this variance.
- Take care to minimize movement due to airflow within a space.
- Custom sizes rather than the system configuration table. Shape and color options are available upon request. Consult your USG Middle East sales office.



Louna™ Baffle Edge

# LOUNA™ BAFFLE



EN 13964 : 2014 + A1 : 2007



PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION

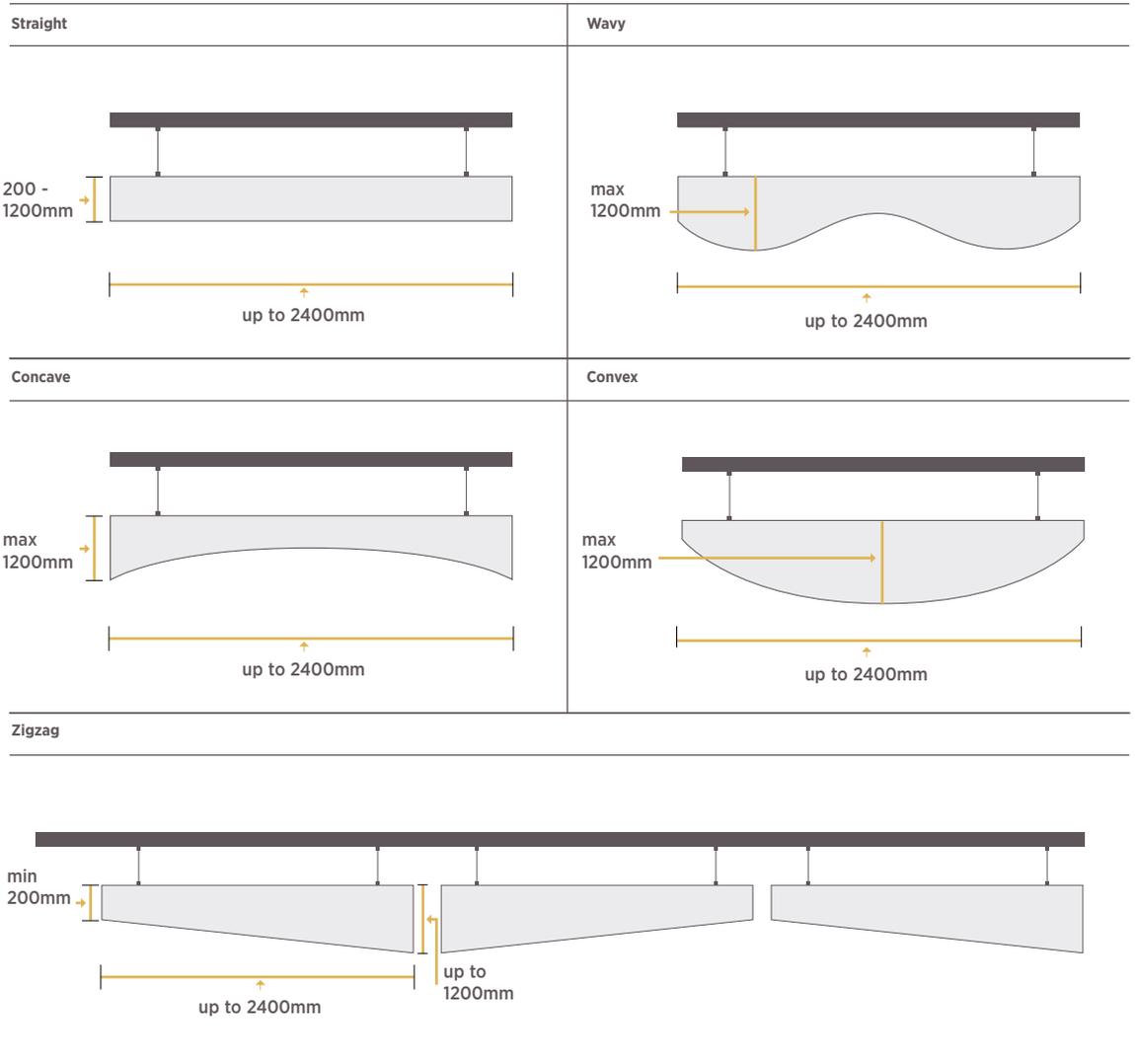


HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS

## SYSTEMS CONFIGURATIONS\*



\* Refer to USG Middle East technical team for the size limitation and suspension accessories. Other configurations are available upon request.



**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](http://usgme.com) for the updated products information document.

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