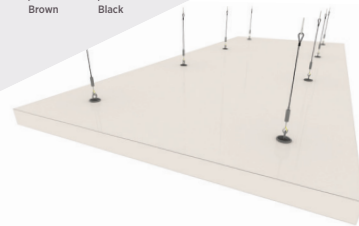
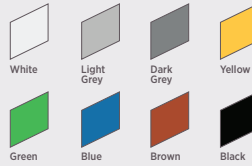


HALCYON™ CANOPIES

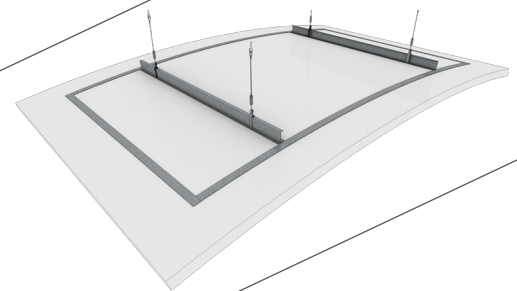


VISIT USGME.COM TO ORDER SAMPLES

FINISH OPTIONS



FLAT SYSTEM



CURVED SYSTEM

FEATURES & BENEFITS

- Fiberglass substrate with monolithic visual reduces installation time.
- Available in flat and curved system configurations.
- Exceptional Sound Absorption with NRC values up to 1.0.
- High Light Reflectance (LR-0.88) reduces light fixture and energy use.
- Washable & scrubbable finish.
- Ideal for providing both visual accents and acoustical control.
- Easy to install.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.

APPLICATIONS

- Open-plenum areas
- Convention halls and concourses
- Reception and lobby areas
- Offices with indirect lighting
- Media rooms
- Libraries
- Restaurants
- Retail
- Hospitality

Frequency, Hz	125	250	500	1000	2000	4000	NRC*
40mm	0.60	0.90	1.0	1.0	1.0	1.0	1.0

Sound Absorption

* Calculated to ASTM C 423-01



HALCYON™ CANOPIES



PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION



HIGH SOUND ABSORPTION

SUSPENSION SYSTEM

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.


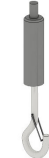

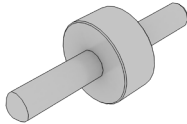
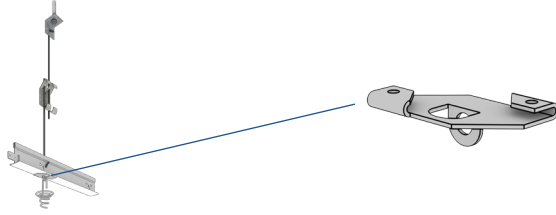
Materials Classification Stainless Steel 1.5mm wire diameter with breaking force of 2.10 KN

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

Spiral Anchor dia 38mm

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

Spiral Anchor dia 38mm	Cable Gripper with Hook	Wire Rope 1.5mm
		
Connecting Guiding Pin (optional)	(Option 2) Donn® Grid Suspension System	
		
		Main T Clip 25mm

SPECIFICATION DETAILS

Halcyon™ Canopies Acoustical Ceiling meets the specifications in accordance with ASTM E1264.

Materials Classification

Type XII, Form 2, Pattern E & G

Substrate and Surface Finish

Glasswool substrate laminated with factory applied painted fiberglass scrim and back fiberglass tissue

Thickness

Standard: 40mm, other thicknesses are available upon request

Panel Arrangements

Refer to the systems configurations table

Edge Detail Trim

Square encapsulated

Weight

40mm [4.4 kg/m²]

Noise Reduction Coefficient [NRC]

[1.0]

Mold Prevention Application as per ASTM

D3273

Rate 10

Humidity Resistance

Maximum 99% RH / 40°C

Light Reflectance Coefficient [LR]

Based on the finish color, up to 0.88

Color

Standard White similar to RAL 9016.

Other colors are available upon request

Surface Burning Characteristics as per

ASTM E84

Class A

Recycled Content

40%

Thermal Conductivity

$\lambda = 0.034 \text{ W/m}^{\circ}\text{K}$

Washability / Scrubbability as per ASTM

D4828 & D2486

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

Maintenance

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

Additional Information

- USG Middle East's Halcyon™ Canopies 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.
- Panels must be ordered in multiples of two.
- Custom sizes rather than the system configuration table. Shape and color options are available upon request. Consult your USG Middle East sales office.



HALCYON™ CANOPIES



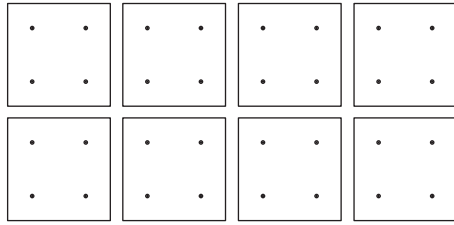
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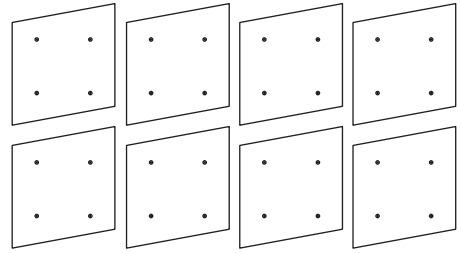
HIGH SOUND ABSORPTION

SYSTEMS CONFIGURATIONS*

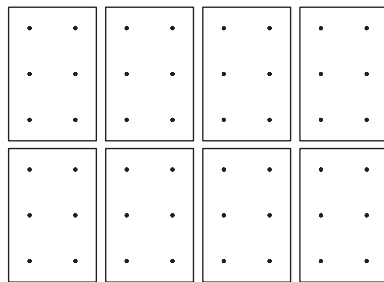
Square



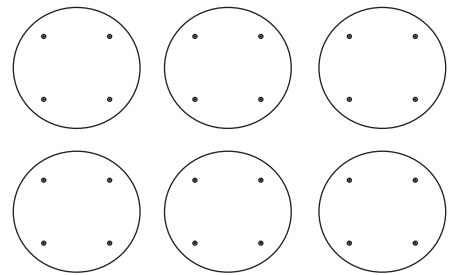
Parallelogram



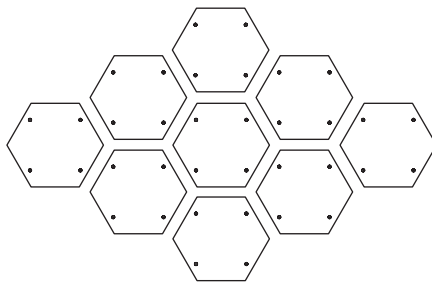
Rectangle



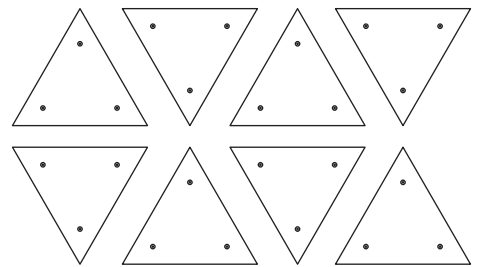
Circle



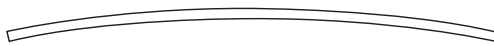
Hexagon



Triangle



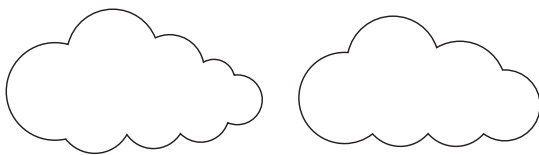
Arc Concave



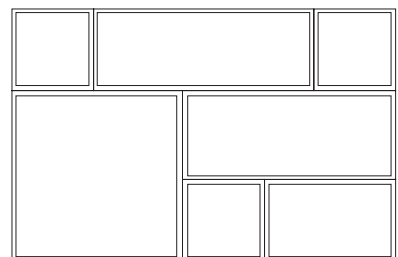
Arc Convex



Cloud



Box



HALCYON™ CANOPIES

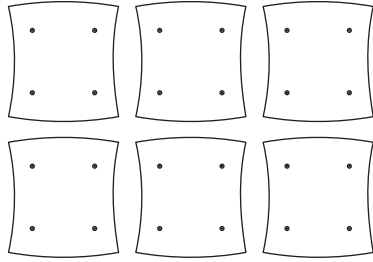


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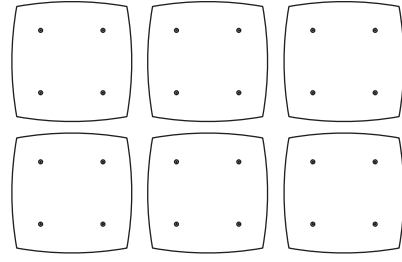


HIGH SOUND ABSORPTION

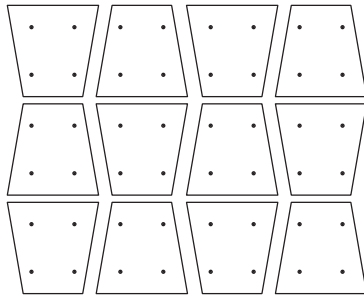
Curved Concave



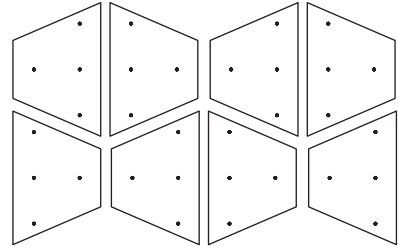
Curved Convex



Trapezoid 1



Trapezoid 2



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



Halcyon™ Canopies Edge

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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