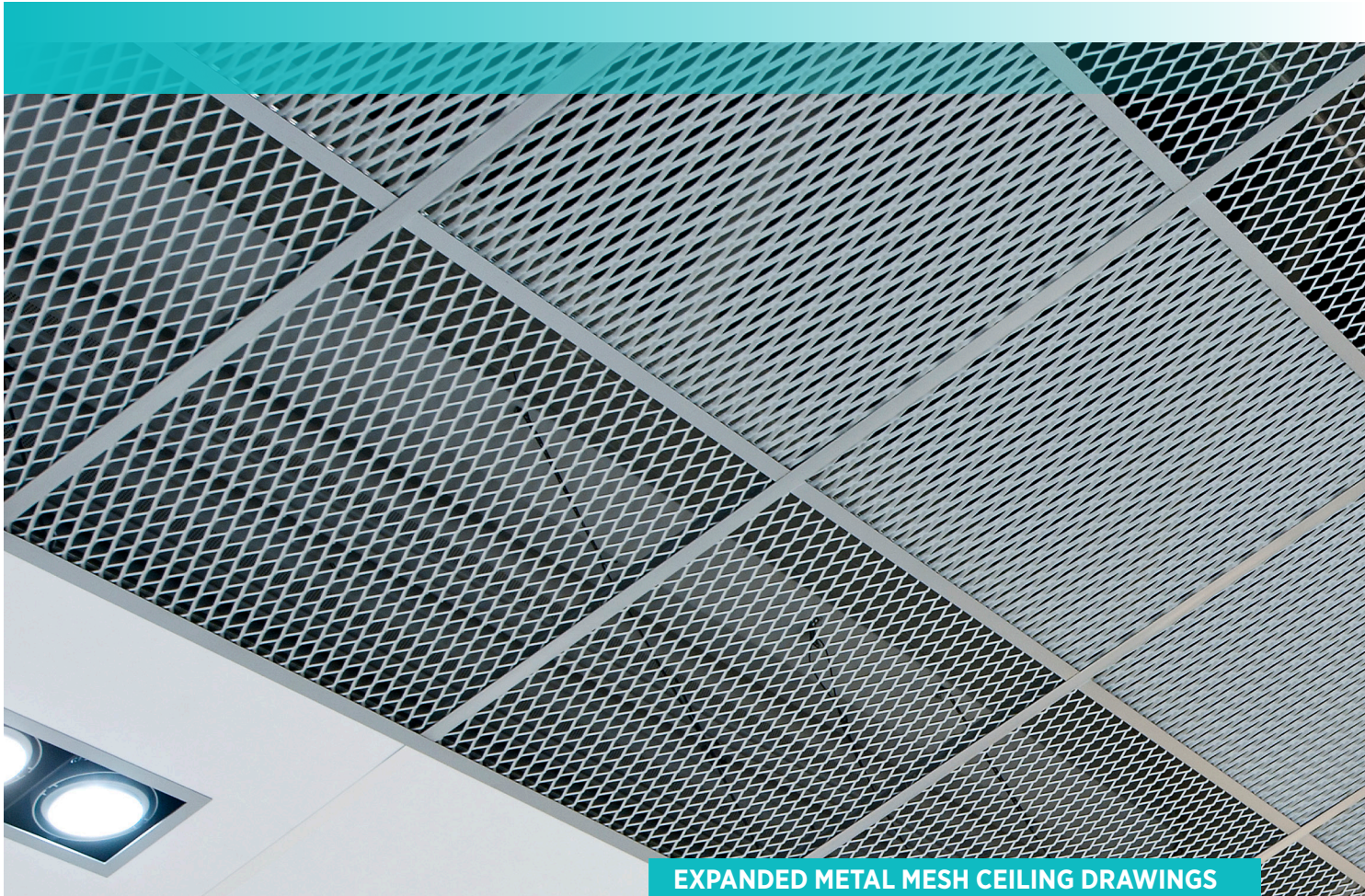


CELEBRETTO®

EXPANDED METAL MESH CEILING



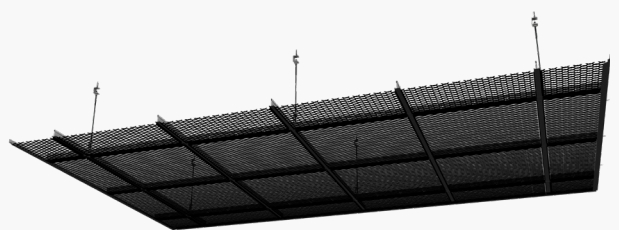
EXPANDED METAL MESH CEILING DRAWINGS

FEATURES AND BENEFITS

- Expanded Metal Mesh ceilings are becoming popular amongst designers due to their raw industrial appearance.
- Improves the smoke extraction requirements.
- Mainly available in lay-on and hook-on systems.
- Available in many mesh patterns and colors and with an optional acoustic infill to improve acoustic requirements.
- The mesh ceiling allows a more refined industrial look and an alternative option to the exposed soffit.

APPLICATIONS

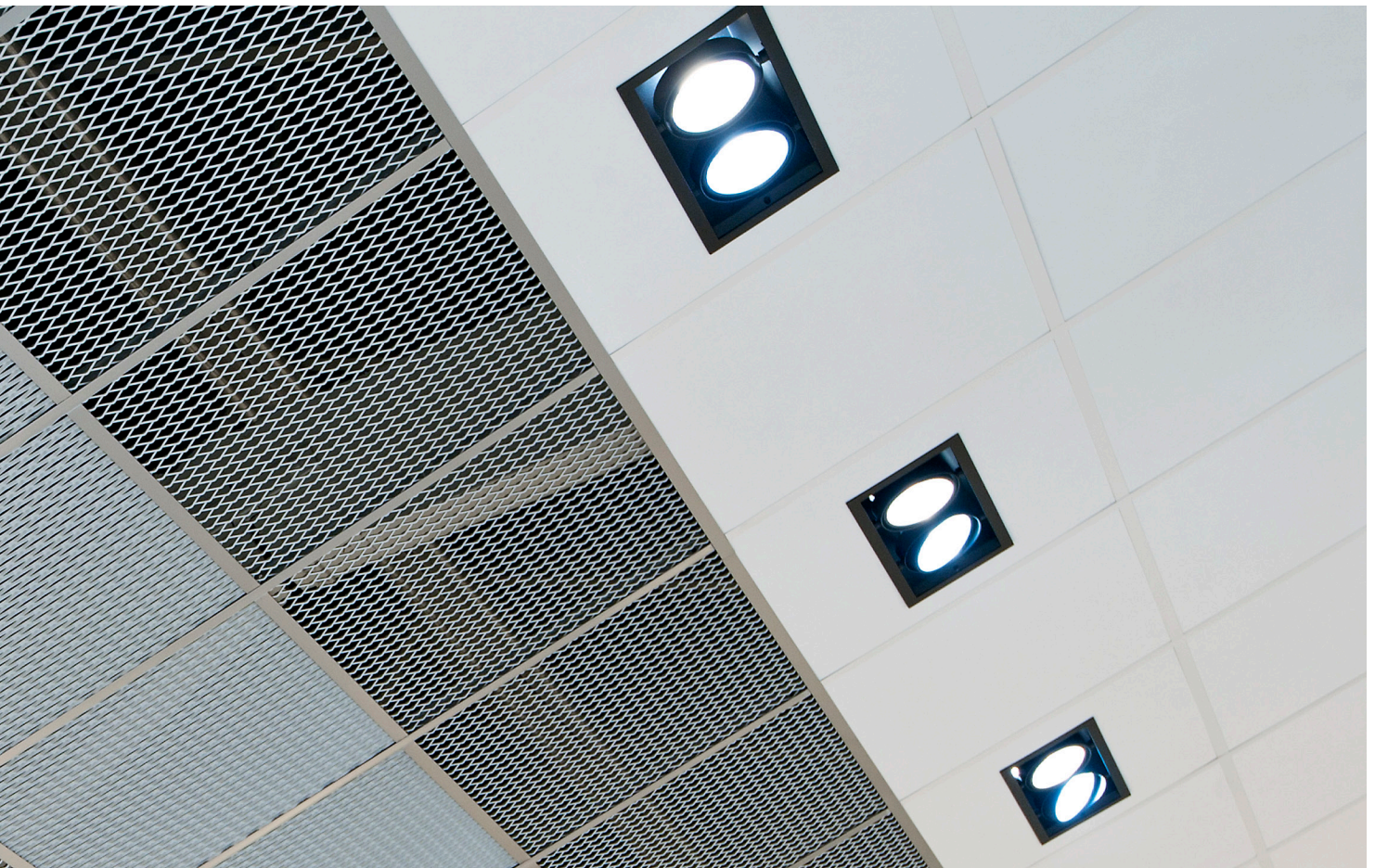
- Restaurant
- Public areas
- Reception
- Lobbies
- Office spaces
- Airport



AVAILABLE COLORS



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



SYSTEM SPECIFICATION

Material Classification

Galvanized Steel: Type V

Aluminium: Type VII

Pattern: Z

Panel Size

300 x 300mm, 300 x 1200mm, 300 x 1500mm,

600 x 600mm, 600 x 1200mm

Thickness

1.5mm-3mm

Height

Lay-on: 20mm-30mm

Hook-on: 40mm up to 200mm

Color

Standard colors are RAL 9005, RAL 9006, RAL 9016.

Other RAL colors are available upon request.

Infill

Mineral fiber (optional)

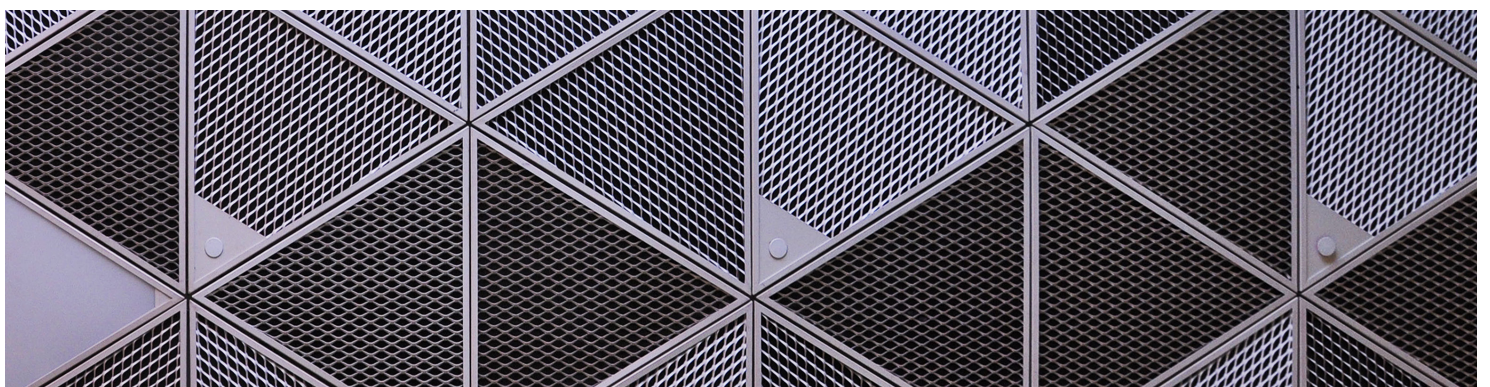
Soft fiber Infill (optional)

Surface Burning Characteristics per ASTM E 84

Class A

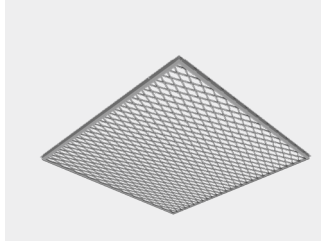
Additional Information

- Thickness depends on panel sizes and project requirements
- Consult USG Middle East technical team for other panel sizes

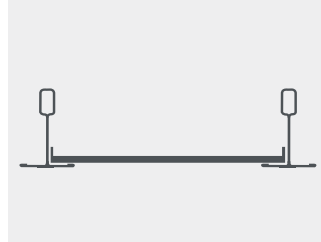


SYSTEM COMPONENTS

1. EXPANDED METAL MESH SYSTEM COMPONENTS LAY-ON SYSTEM



Lay-On Mesh Ceiling Panel

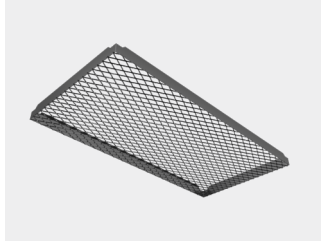


Suspension System (DONN® Brand)

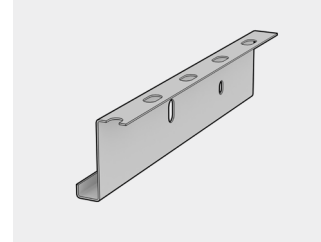


Hanging System

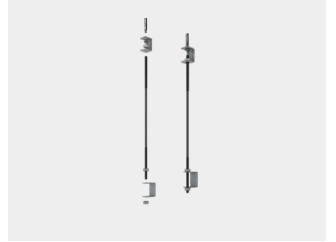
2. EXPANDED METAL MESH SYSTEM COMPONENTS HOOK-ON SYSTEM



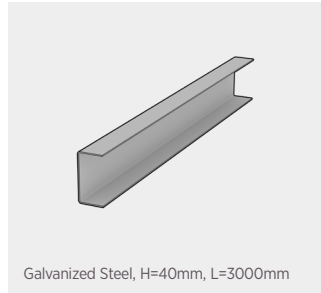
Hook-On Mesh Ceiling Panel



J-Profile



Hanging System



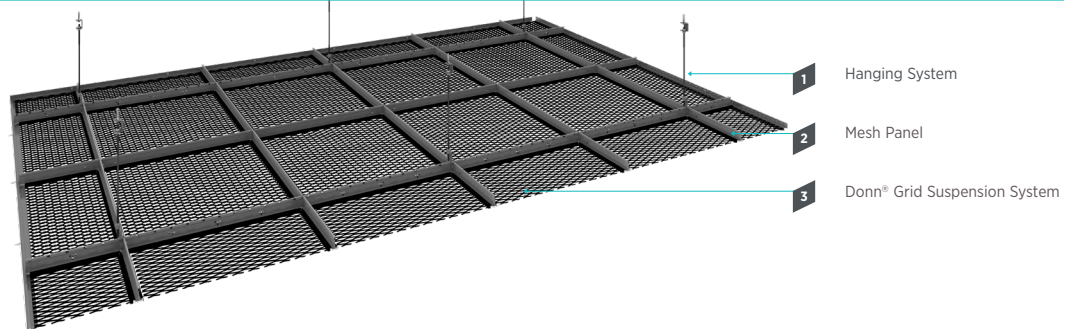
Galvanized Steel, H=40mm, L=3000mm

Primary Channel

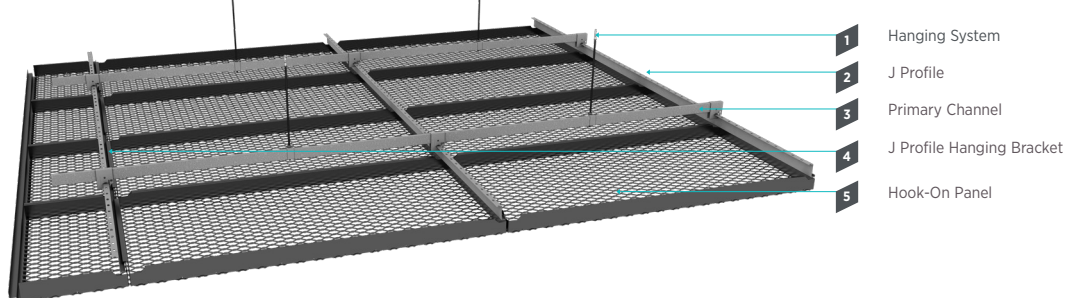


J-Profile Hanging Bracket

1. EXPANDED METAL MESH LAY-ON SYSTEM DRAWINGS

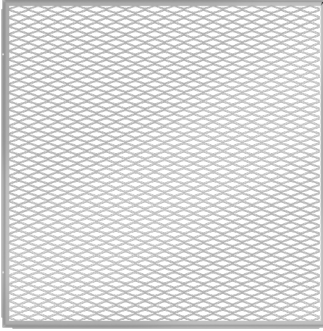


2. EXPANDED METAL MESH HOOK-ON SYSTEM DRAWINGS

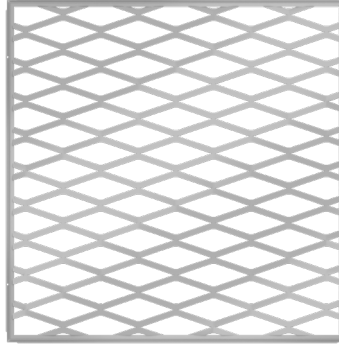


EXPANDED METAL MESH CEILING STANDARD PATTERNS

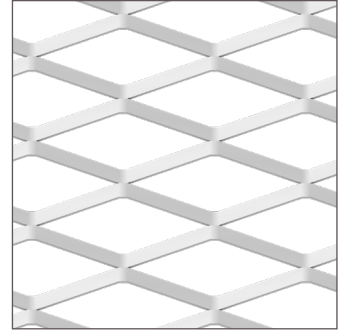
Pattern Name	S.W	L.W	Strand Width	Thickness	Open Area
S 1	17mm	35mm	5mm	1.5mm	54%
S 2	25mm	62mm	5mm	1.5mm	72%



S 1



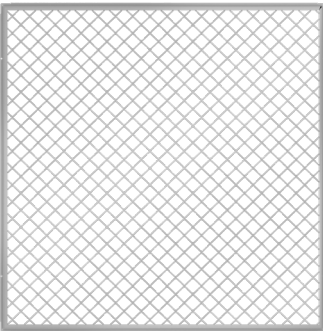
S 2



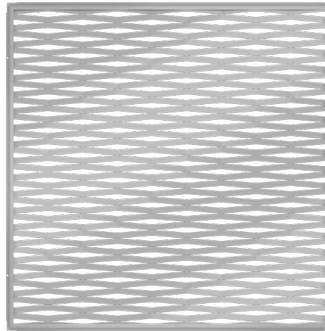
S Mesh Pattern

EXPANDED METAL MESH CEILING PREMIUM PATTERNS*

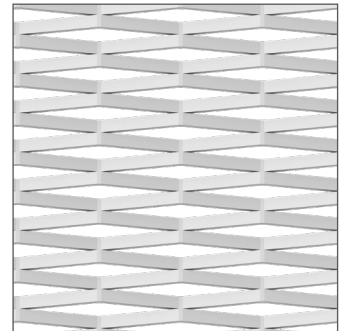
Pattern Name	S.W	L.W	Strand Width	Thickness	Open Area
M 1	30mm	31mm	5mm	2mm	61.30%
M 2	30mm	125mm	20mm	3mm	72.87%



M 1

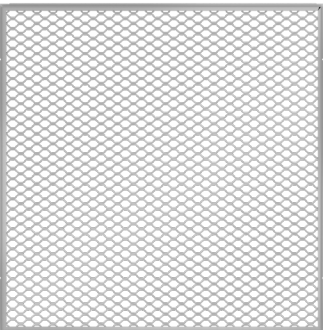


M 2

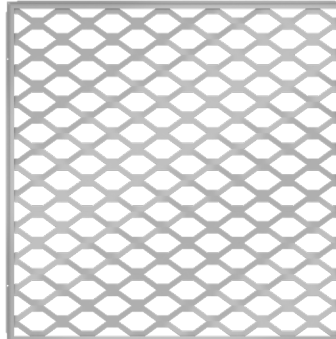


M Mesh Pattern

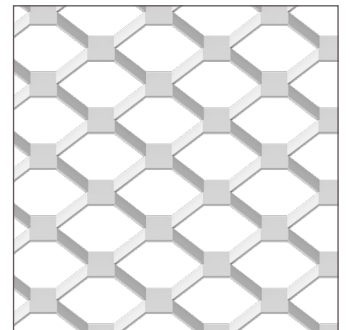
Pattern Name	S.W	L.W	Strand Width	Thickness	Open Area
L 1	18mm	29mm	5mm	2mm	48.25%
L 2	54mm	78mm	20mm	3mm	48.26%



L 1



L 2

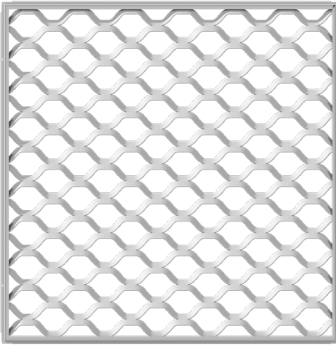


L Mesh Pattern

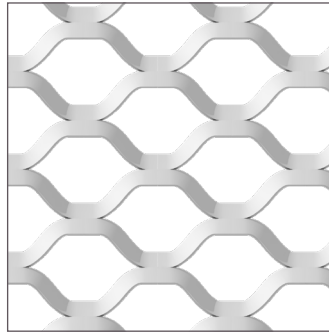
EXPANDED METAL MESH CEILING

(CONT.) EXPANDED METAL MESH CEILING PREMIUM PATTERNS*

Pattern Name	S.W	L.W	Strand Width	Thickness	Open Area
R 1	60mm	90mm	20mm	3mm	58.66%

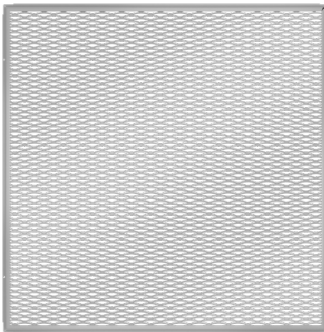


R 1

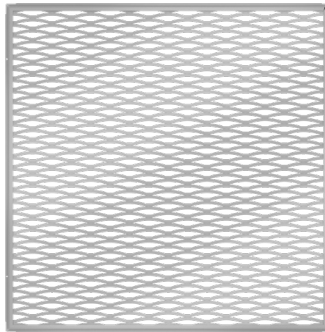


R Mesh Pattern

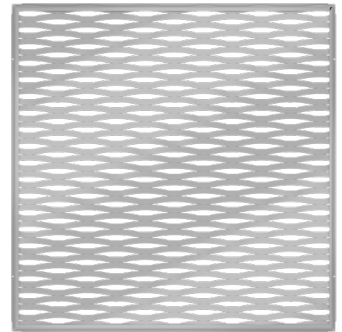
Pattern Name	S.W	L.W	Strand Width	Thickness	Open Area
G 1	10mm	35mm	5mm	2mm	64.93%
G 2	20mm	70mm	10mm	2mm	54.73%
G 3	30mm	105mm	20mm	3mm	51.10%



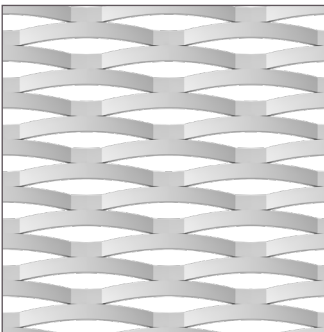
G 1



G 2



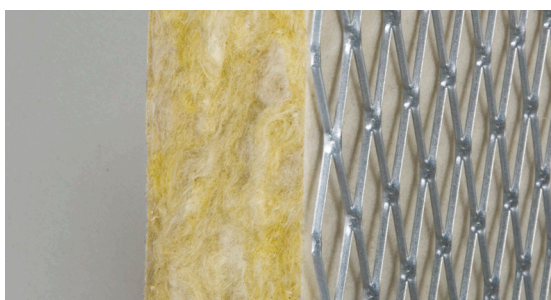
G 3



G Mesh Pattern

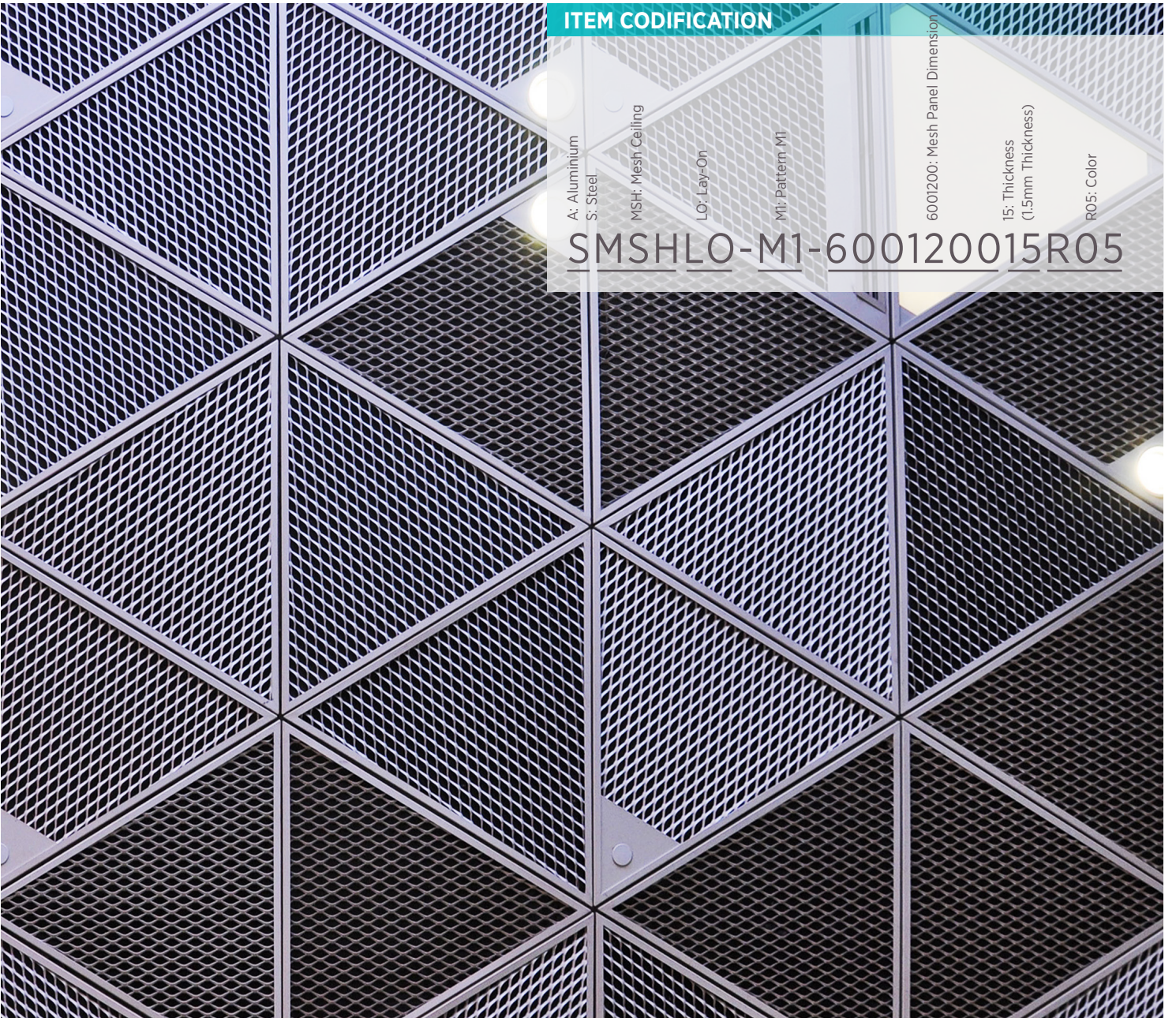
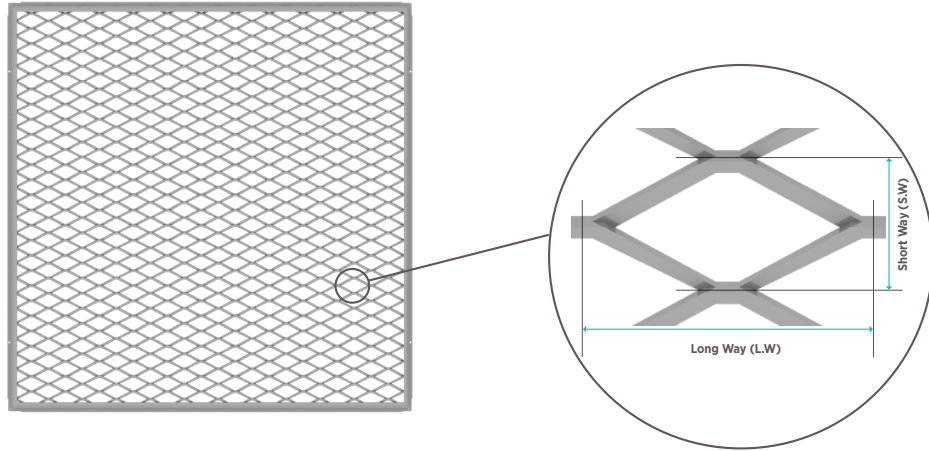
* Available upon request. Check with our technical team for lead time delivery.

INFILL



Expanded Metal Mesh with Infill

L.W / S.W ILLUSTRATION



ITEM CODIFICATION

A: Aluminium
 S: Steel
 MSH: Mesh Ceiling
 LO: Lay-On
 M1: Pattern M1
 6001200: Mesh Panel Dimension
 15: Thickness (1.5mm Thickness)
 R05: Color

SMSHLO-M1-600120015R05