



## USG BORAL HOOK-ON™ CEILING SYSTEM

Indoor and Outdoor Applications  
Submittal Sheet

The USG Boral Hook-on™ Ceiling System adds a clean and smooth visual appearance to any space for a modern look. The ceiling panels are available in multiple sizes. They can be easily installed or uninstalled separately, granting convenient access to the plenum.

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Plasterboard

Ceilings

Compound

Metal Framing

Substrates

# USG Boral Hook-on™ Ceiling System

## Features and Benefits

- A sealed ceiling design with simple Hook-on panels provides easy access to enclosed plenum
- Available in squared and beveled edges to create customised visual effects
- Concealed suspension system offers a smooth appearance
- Multiple suspension systems for both indoor and outdoor applications
- Security clips holds panels safely in place
- A wide range of colors and wood tones to achieve a customised effect
- Individually replaceable panels

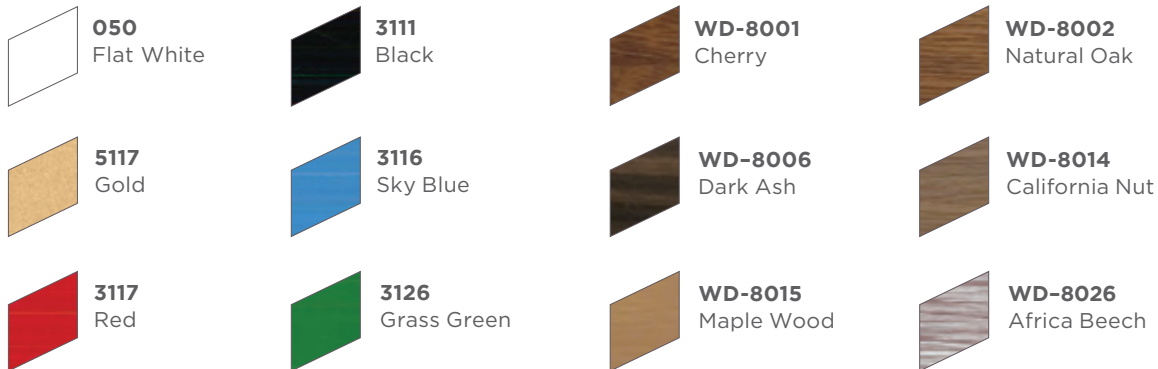
## Applications

- Transportation Centres, including Train Stations and Airports
- Lounges
- Foyers
- Corridors
- Commercial Spaces

## Material Options

- Aluminium
- Galvanised Mild Steel
- Stainless Steel

## Color Options



Over 45 colors and 26 wood look options.

Please refer to USG BORAL Series 2000-5000 and Wood Look Aluminium Metal Ceilings Color Guide. Due to printing limitations, shades may vary from actual product.

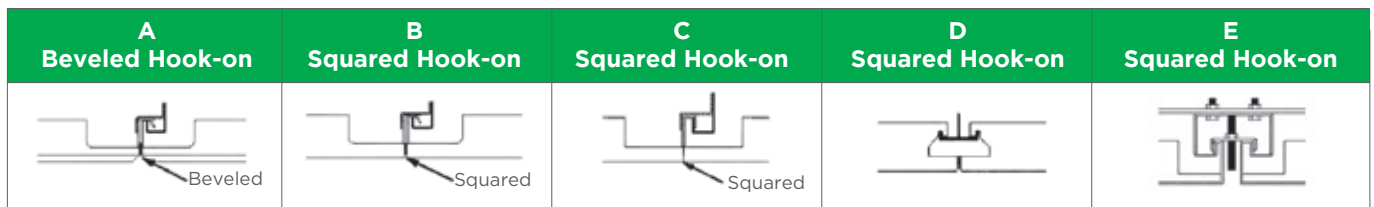
## Product Information

### Panel Dimension and Edge Options

Series	Item Number	Panel Size W x L (mm)	Panel Edge
HO-601	HO1-600	600 x 600	A,B
HO-602	HO2-3060	300 x 600	C
	HO2-30120	300 x 1200	C
	HO2-600	600 x 600	C
	HO2-60120	600 x 1200	C
	HO2-SPC	Project specific dimension	C
HO-603	HO3-3060	300 x 600	D
	HO3-30120	300 x 1200	D
	HO3-600	600 x 600	D
	HO3-60120	600 x 1200	D
	HO3-SPC	Project specific dimension	D
HO-604	HO4-400	400 x L	E
	HO4-500	500 x L	E
	HO4-600	600 x L	E
	HO4-SPC	Project specific dimension	E

\*Panel sizes of more than 1000mm x 1000mm shall have increased material thickness and additional subframe to support increased weight. Please check with USG Boral for details.

## Panel Edge Detail



### PANEL EDGE OPTIONS

Multiple panel edge options are available to achieve a customised effect.

## Suspension System Components

Suspension System Detail	Series	Number	Item Number	Description
	HO-601	1	HO1-PANEL	Ceiling panel
		2	HO-101	Z-runner
		3	HO-102	Z-runner bracket
		4	HO-103	Security clip
		5	HO-104	Runner connector
		6	C-62	C-channel

Runner Connection Detail

Suspension System Detail	Series	Number	Item Number	Description
	HO-602	1	HO2-PANEL	Ceiling panel
		2	HO-101	Z-runner
		3	HO-103	Security clip
		4	HO-104	Runner connector

Runner Connection Detail

Suspension System Detail	Series	Number	Item Number	Description
	HO-603	1	HO3-PANEL	Ceiling panel
		2	HO3-101	Aluminium H-runner
		3	HO3-102H	H-runner bracket
		4	HO3-102L	L-runner connector
		5	HO3-103	H-runner connector
		6	C-62A	C-channel bracket
		7	C-62	C-channel
		8	WG-101	L-perforated runner

Runner Connection Detail	L-Perforated Runner Detail	C-Perforated Runner Detail

Suspension System Detail	Series	Number	Item Number	Description
	HO-604	1	HO4-PANEL	Ceiling panel
		2	HO4-101	O-shape runner
		3	HO4-101A	Z-runner
		4	HO4-102	Security clip

Hook-on Detail	Security Clip Detail

## Technical Data and Notes

### Light Reflectance

Flat White (050): Up to LR 0.80 (less with optional perforated panels).

### Material

Minimum material thickness of 0.7mm. Please advise USG Boral of project specific panel sizes for minimum thickness recommendation.

### Finishing

Electrostatically applied polyester powder coating. Minimum coating thickness of 60 microns. Very low VOC emissions.

### Weight per square metre

Aluminium

0.7mm thickness, non-perforated panel, 600mm x 600mm. Calculated panel weight = 2.2kg/m<sup>2</sup>

### Warranty

Please refer to Metal Ceiling Warranty CW2015B

### Installation

Please refer to USG Boral Hook-on Ceiling System Technical Manual (Installation Guide) TM\_C\_HO\_1117

Tests	Standards	Performance
Surface burning characteristics	ASTM E84	Flame Spread Index = 10 Smoke Developed Index = 0
Dimensional tolerance	BS 8290-2	Comply within allowable limits
Non-combustility test for materials	BS 476-4	Non-combustible
Fire propagation and surface spread of flame of products	BS 476-6 & 7	Class 0
Sound absorption and sound absorption coefficients	ASTM C423	NRC & SAA values varies with hole diameter, pitch and open area %
Organic emissions from indoor materials or products	ASTM D5116	Below allowable limits of emission rates in GBCA guide
Analysis of pyrolysis and combustion gases	NF X 70-100	Below allowable limits of IDLH values in NIOSH guide
Luminous reflectance factor of acoustical materials	ASTM E1477	LR values varies with hole diameter, pitch, open area % and finish

Safety First! Follow good safety or industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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