



USG BORAL CLIP-IN™ CEILING SYSTEM

Submittal Sheet

The USG Boral Clip-in™ Ceiling System provides a seamless and modern appearance for any space. The Clip-in™ ceiling panels can be easily installed or uninstalled, offering access to the plenum.



USGBoral.com

Gypsum Boards

Ceilings

Compounds

Metal Framing

Substrates

USG Boral Clip-in™ Ceiling System

Features and Benefits

- A sealed ceiling design with simple Clip-in panels providing easy access to enclosed plenum using the necessary tools
- Available in squared and beveled edges to create customised visual effects
- Concealed suspension system offers a smooth appearance
- Security clips hold panels safely in place
- A wide range of colors, wood tones and perforation patterns
- Individually replaceable panels

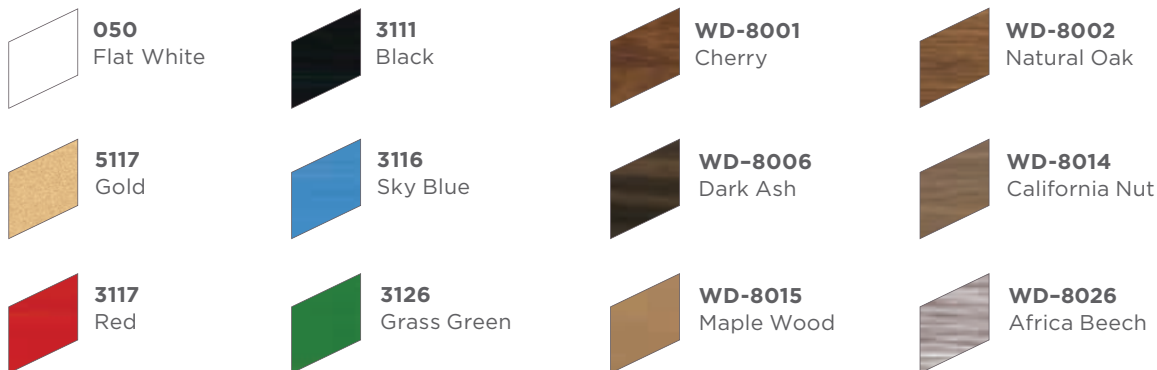
Applications

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

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 Options

Item Number	Panel Dimensions W x L (mm)
S1-300	300 x 300
S1-500	500 x 500
S1-600	600 x 600
S1-3060	300 x 600
S1-30120	300 x 1200
S1-40120	400 x 1200
S1-45120	450 x 1200
S1-6090	600 x 900
S1-60120	600 x 1200

Suspension System Components

Suspension System Detail	Number	Item Number	Description
	1	S1-PANEL	Ceiling panel
	2	S-101	Spring tee runner
	3	S-102	Runner clamp
	4	S-103	Runner connector
	5	C-62A	C-channel bracket
	6	C-62	C-channel
	7	S-107	Security clip
Security Clip Detail	Panel Edge Detail	Carrier Connection Detail	

The ceiling is suspended by Spring tee runner (2) which is fixed at the bottom of the C-channel (6) and connected by the Runner clamp (3) with a distance of 600mm centre to centre.

Perforation Options



Various perforation pattern options are available and can be customised upon request to meet special applications.

Panel Options

Non-Perforated Panel	Perforated Panel	Custom Perforated Panel

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 & suspension system weight = 3.21kg /m²

Warranty

Please refer to Metal Ceiling Warranty CW2015B

Installation

Please refer to USG Boral Clip-in Ceiling System Technical Manual (Installation Guide) TM_C_CI_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.

Australia
China
India
Indonesia
Malaysia
Middle East
New Zealand
Philippines
Singapore
South Korea
Thailand
Vietnam

3rd Floor 108 Central Building A
108 E. Rodriguez Jr. Avenue, Bagumbayan,
Quezon City, Philippines 1110
T: +63 2 911 6709 | F: +63 2 911 6709 ext. *98
info.ph@usgboral.com