



USG BORAL CLIP-IN™ CEILING SYSTEM

Technical Manual (Installation Guide)

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

Safety First!

Follow good safety and industrial hygiene practices during installation. Wear appropriate personal protective equipment.

Installation

All ceiling products and systems must be installed and maintained in accordance with current USG Boral written instructions and best industry practice, including the CISCA Handbook, ASTM C636, and standard industry practices, within all applicable code requirements. Alternative assemblies and installation methods may be utilised when approved by the Authority Having Jurisdiction. USG Boral recommends checking with the Authority Having Jurisdiction prior to designing and installing a suspended ceiling system. Because codes continue to evolve, check with a local official prior to designing and installing a ceiling system. Other restrictions and exemptions may apply.

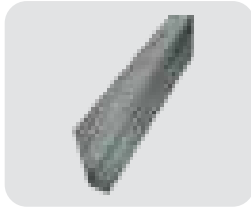
Notice

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

System Components - Supplied by USG Boral



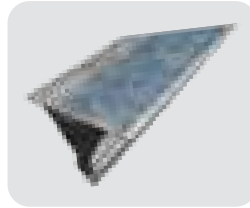
C-channel bracket



C-channel



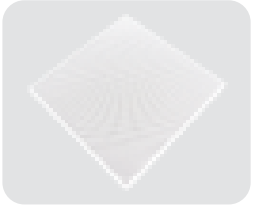
Runner clamp



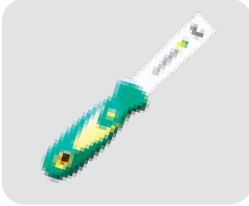
Spring tee runner



Runner connector

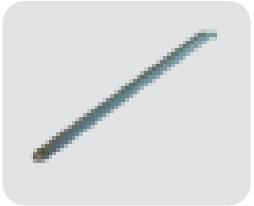


Ceiling panel



Ceiling tile removal tool

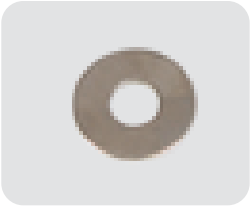
System Components - Supplied by Installer



Galvanised M6 threaded rod



Galvanised M6 nut

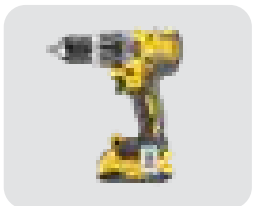


Galvanised M6 washer



Galvanised M6 self tapping screw

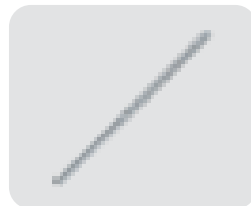
Tools Required for Installation



Cordless drill/driver



6mm black oxide coated drill bit



6mm rotary masonry drill bit



Phillips head #2 screwdriver bit



10mm open ended wrench



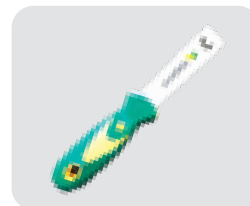
Safety glasses



Work gloves

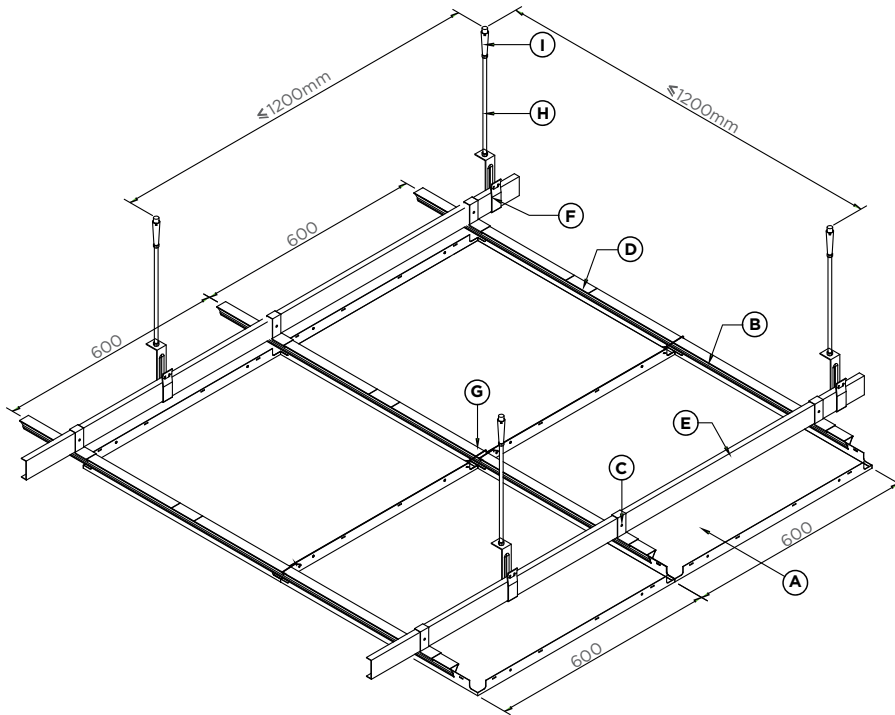


Safety helmet



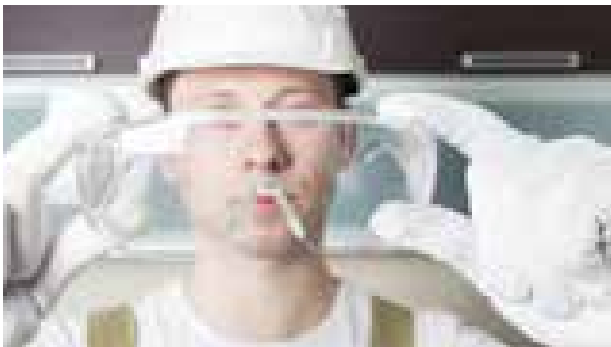
Ceiling tile removal tool

General Arrangement Drawing of Suspension System



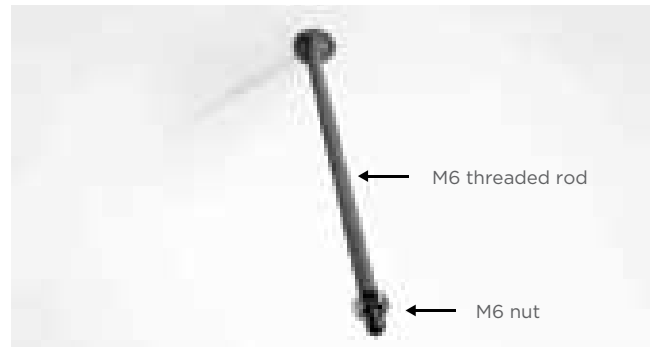
Item	Description
A	Clip-in panel
B	Spring tee runner
C	Runner clamp
D	Runner connector
E	C-channel
F	C-channel bracket
G	Security clip
H	Threaded rod
I	Anchor bolt

Step by Step Installation Instructions



Step 1

Put on personal protective equipment.



Step 2

Ensure M6 threaded rod is securely mounted to the concrete ceiling. Insert M6 nut for C-channel bracket.



Step 3

Insert C-channel bracket. Secure with M6 washer and nut on the top and bottom of the carrier as shown.



Step 4

Insert C-channel into C-channel bracket. Ensure C-channel and C-channel bracket are both level.



Step 5
Place Runner clamp on C-channel. Ensure the wing of the Runner clamp fits over the top of the C-channel.



Step 6
Bend the wing of the Runner clamp down onto the C-channel.



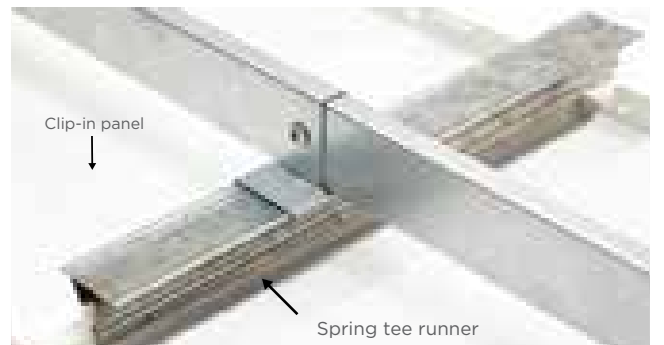
Step 7
Ensure Runner clamp sits tight over the C-channel. Use hole in the Runner clamp as a guide to drill a screw hole through the C-channel.



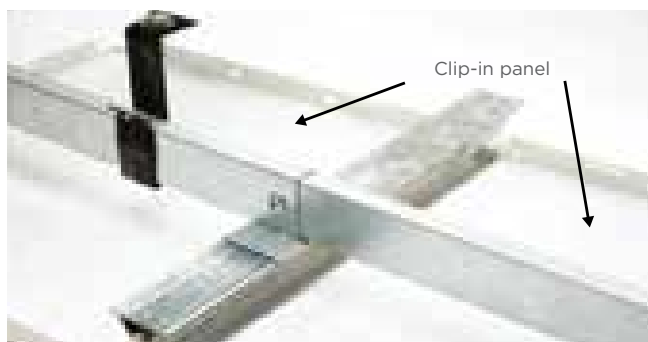
Step 8
Secure Runner clamp to the C-channel with a M6 self tapping screw.



Step 9
Insert a Spring tee runner into the Runner clamp.



Step 10
Insert a Clip-in panel into the Spring tee runner.



Step 11
Install remaining Clip-in panels in accordance with the ceiling layout.

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

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