GRIDSQUARE®

GRIDSQUARE® Panels wall for cleanroom are highly advanced sandwich panels using a core material of rockwool as insulating core material. The Antibacterial powder coat /powder coating over the Stainless Steel /Aluminium/GI with Rockwool/Glasswool/Polyurethane core to form a high performance with all features needed for Modular OT'S, Clean Rooms and CSSD's.

GRIDSQUARE® STAINLESS STEEL POWDER COATED WALL PANEL SYSTEM

PRODUCT SPECIFICATIONS AND TECHNICAL PERFORMANCE

Item - GRIDSQUARE® Stainless Steel Powder Coated Wall Panel

Colour – All Solid RAL Colours subject to availability

Coating: Antibacterial Powder Coat (On request)

Standard Size (mm) – 1250 X 2950 mm (Customised As Per Clean Room/OT's Size)

Thickness – Approx. 50-60 mm with Core Insulation of Rockwool/Glasswool/PUF (Polyurethane Insulation) of various density i.e. 40Kg/m3-120 Kg/m3.

Base Material - GRIDSQUARE® panels are made of Stainless Steel Alloy.

Fire Performance - BS 476: Part 04, certified Rockwool used for insulation.

Acoustic Performance - STC tested as per IS: 9001 Part (III)-1981, DIN: 52210 Part – 1 -1983-08, ISO: 10140 (Part II)/ ASTM-E-90 depending on the insulation and the acoustic inlay i.e. Rockwool, GlassWool, Polyurethane Insulation.

Sustainability -Self declaration with CE directive 89/106/EEC.

Certified – IGBC Green Product

Green Performance
- Low Carbon Footprints as all raw material procurement and manufacturing is done locally.
- Perpetually recyclable material used
- GRIHA V. 2019 criterion: 11;GRIHA V.2015 criterion: 11;& GRIHA V.3 criterion: 29
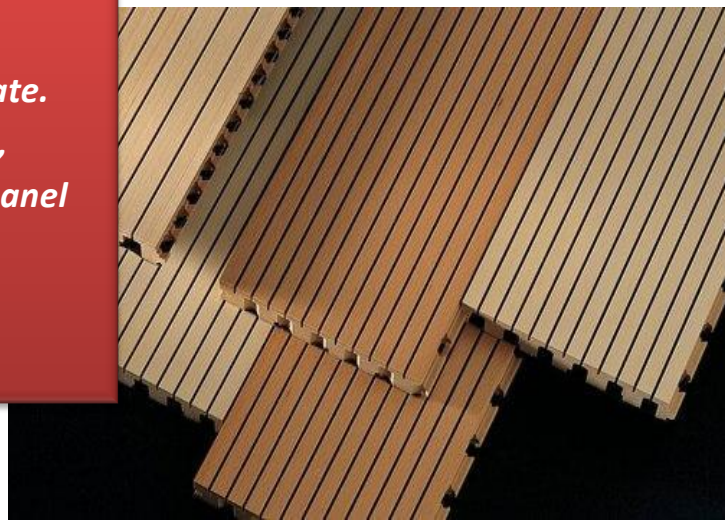
INSTALLATION

Acoustic Wall Panel can be easily installed by screwing tongue & groove steel profile section.

Each Panel is sealed from all four side with extruded Aluminium profile, designed to create the structure and complete closure of the internal insulation.

Panels can be installed either vertically or horizontally but vertical installation is most practical and recommended solution for high wall. Wall panels are erected in U-channel base runner at bottom.

GRIDSQUARE®

GRIDSQUARE® *woodworks wall panel system are quick to install and easy to maintain. Wall systems are a smart investment in productivity. In fact, in many environments speech privacy has become a mandate. Wall system available in a variety of wood species, stains, sizes, and perforation options. Perforated panel with backing improves sound quality and reduces reverberation time within a space*

GRIDSQUARE® WOODEN/FABRIC PERFORATED WALL PANEL SYSTEM

PRODUCT SPECIFICATIONS AND TECHNICAL PERFORMANCE

Item - GRIDSQUARE® Wooden Wall Panel

Colour – All Wooden Shades subject to Availability

Standard Size (mm) – 2400 X 192 mm, 2400 X132 mm (Custom size available)

Thickness – 15mm, 16mm

Fluted Perforation Pattern- 3mm width and 533/13mm/21mm visible panel each

Edge – Tongue and Groove

Base Material - GRIDSQUARE® Moisture Resistance Board and High Density Fiber board

Finish- laminate/ Eggshell gloss

NRC – 0.60

Green Building - GRIHA V.2015 criterion: 11 & V.3 criterion: 29 certified
- IGBC certified Green Product

Sustainability -Self declaration with CE directive 89/106/EEC.

INSTALLATION

Wooden Wall Panel can be easily installed by mounting on splines of Wooden/GI fixed at the spacing of 300mm/600mm center to center and made of aluminium extruded channel (keel) with the help of clips.

Design Consideration- 5-6 cartons should be opened on site and mixed together before installation. They should be arranged aesthetically with regards to the shades and grains.

Application Consideration –Variation among panels may occur from batch to batch. It is very important that woordwork panels are climatized prior to installation.

Relative humidity between 25% and 55% and temperatures between 50˚F and 86˚F must be maintained throughout the life of the product.