

Clean Room Grid



Benefits

- Armstrong Clean Room Grid with BIOGUARD Acoustic panels achieves ISO Class 4 (As Built Operational State) according to ISO 14644-1:1999 and Class 10, according to US FS 209 E
- Extruded aluminium grid profile, suitable for use in magnetic imaging environments*
- Factory fitted gasket provides seal between grid face and panel
- PVC hold down clip for positive pressure environments
- Cross tee provides clean and secure locked connection
- Polyester powdercoat finish

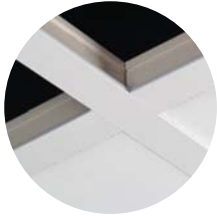
Application Areas

- Healthcare
- Clean Rooms
- Pharmaceutical Manufacturing
- Food and Electrical Manufacturing
- Laboratories, PC1 and PC2 Certified Facilities
- Education (Science Labs)
- Computer rooms



CLEAN ROOM

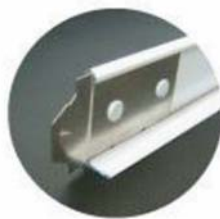
Clean Room Grid



Clean Room Exposed Tee Grid



Clean Room Main Beam



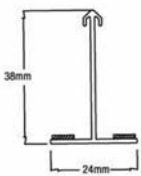
Clean Room Cross Tee

Component Specifications

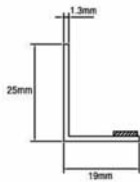
Item Number	Description	Dimensions	Maximum Load**
CLEAN ROOM GRID			
BP454032	3600mm Main Beam	3600 x 24 x 38mm	9.49 Kg/m ²
BP453032	1200mm Cross Tee	1200 x 24 x 38mm	—
BP452032	600mm Cross Tee	600 x 24 x 38mm	—
ANGLE MOLDING			
BPT1925HAC	3600mm Angle Molding	3600 x 24 x 19mm	—
ACCESSORIES			
BP4501	Clean Room Grid PVC hold down clip for Lay-in Board	—	—
MBJ	Main Beam Joiner (Stainless Non-magnetic)	93 x 35mm	—
ALSCLH	Suspension Clip	—	—

* For Imaging rooms aluminium suspension must be used.

Details



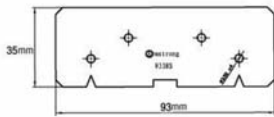
Gasketed Aluminium Main Beam and Cross Tee



Gasketed Aluminium Angle Molding



Suspension Clip



Main Beam Joiner



Hold Down Clip

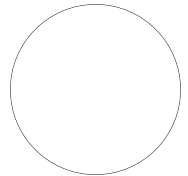
Loading Parameters

- Main Bars at 1200mm centres
- Cross Runners 1200mm at 600mm spacing
- Suspension points spaced at 1200mm on Main Bar

** Note: Additional independent support of heavy fixtures should be considered for safety purposes.

The Max. Load value includes the panel and is based on 1200mm hanger spacing, maximum deflection of tees not to exceed 1/360 of the span and suspension system installed in accordance with AS/NZS 2785:2020.

Colour



White (MA124A)

Contact us

Armstrong Ceiling Solutions (Australia) Pty. Ltd.

NSW / ACT
(02) 9748 1588

VIC / TAS
(03) 8706 4000

QLD / NT
(07) 3809 5565

Armstrong
CEILING SOLUTIONS

©2021 Armstrong Ceiling Solutions (Australia) Pty Ltd
AWP0921 | Produced 21 September 2021

info@armstrongceilings.com.au
www.armstrongceilings.com.au