

CLEAN ROOM 24

Exposed 24mm co-extruded grid system for clean rooms and non-magnetic areas

Key Attributes

- Aluminium construction: non-magnetic system with high corrosion resistance
- Co-extruded gasket: better seal between tile and grid
- Class 4 performance as per ISO standard 14644-1

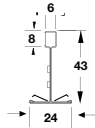
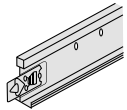
Application area

Healthcare, Hi-tech manufacturing

Physical data

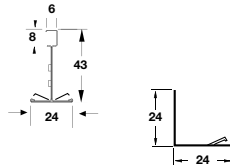
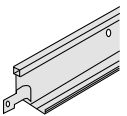
- Material : co-extruded aluminium with gasket
- Surface finish: extruded PVC
- Colour: White

CLEAN ROOM 24 - MAIN RUNNER



Item Nr.	Dimensions		Content / Carton		Weight / Carton kg	Cartons / Pallet
	length (mm)	height (mm)	pcs	lm		
EA 794044	3600	43	20	72,00	24,00	30

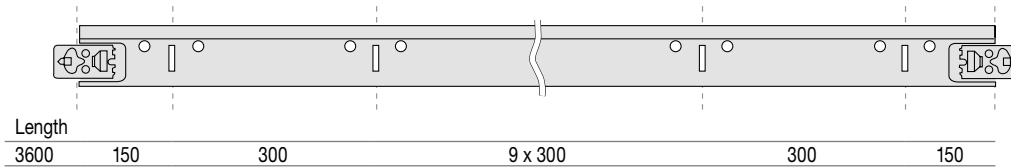
CLEAN ROOM 24 - CROSSTEEES + PERIMETER TRIM



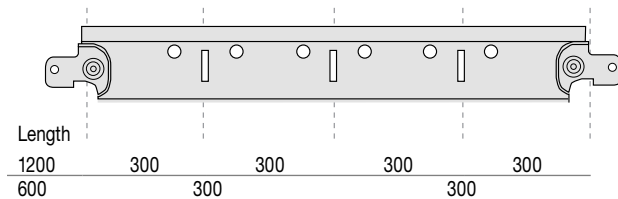
EA 793044	1200	43	60	72,00	26,00	20
EA 792044	600	43	60	36,00	12,00	40
EA 7801	3660	24	30	109,80	20,00	25

SECTION DRAWINGS

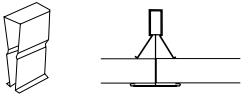
Clean Room 24 - Main Runner



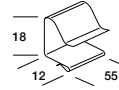
Clean Room 24 - Cross Tees



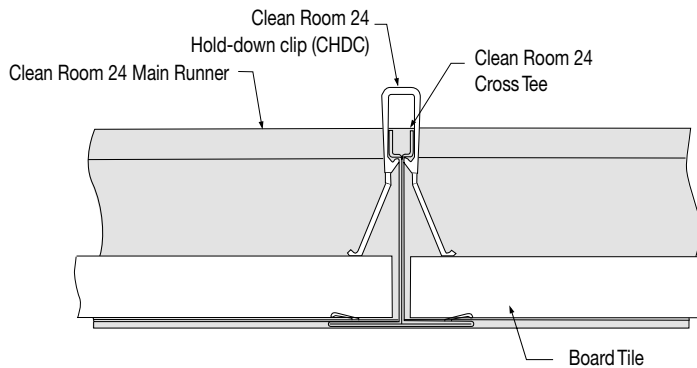
● **ACCESSORIES** - Corrosion resistance 700 hours salt spray test



CHDC
Hold down clip suitable for non-magnetic areas



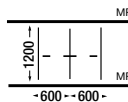
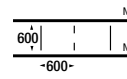
A 426 G
Board access clip



● **GRID LOAD CAPACITIES**

Clean Room 24

The table gives the maximum permitted hanger distance (mm) along the Clean Room Grid Main Runner (EA 794044) for the tile weights and Main Runner spacings noted.

Clean Room 24 Main Runner - EA 794044		
Main Runner centres (mm)	1200	600
Cross Tee(s)	EA 793044 EA 792044	EA 792044
Configuration (Main Runner horizontal)		
Weight of ceiling tile (kg/m ²)	Maximum suspension spacing along Main Runner (mm)	
2,5 kg/m ²	1850	2100
3,0 kg/m ²	1750	2100
3,5 kg/m ²	1700	2100
4,0 kg/m ²	1650	2050
5,0 kg/m ²	1550	1950
5,5 kg/m ²	1500	1900
6,0 kg/m ²	1450	1850
7,0 kg/m ²	1400	1800
8,5 kg/m ²	1300	1700
10,5 kg/m ²	1200	1600
13,0 kg/m ²	1050	1450

- Values in the above table conform to Class 1 as defined in EN 13964:2004+A1:2006 table 6.
For other classes /deflection limits please contact your local Armstrong Technical Sales team.
- Values are determined from laboratory tests methods in accordance with EN 13964:2004+A1:2006 clause 5.
- Values are applicable for 600 x 600 mm tiles assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L = span).
- No other applied loads such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs etc. are permitted.
- No overlays such as mineral wool or fibre glass quilts, as may be required for enhanced acoustic, fire or thermal performance, are permitted unless their full weight is established and included, together with the weight of the tile, within the appropriate weight groups.
- For grid loading data calculated to different criteria than Class 1 to EN13964:2004+A1:2006, see the grid loading technical section on pages 100-101.



All measurements in millimetres. All sizes are nominal.

Availability of products may vary according to location. Please contact Armstrong Technical Sales for further details.