

CEILING SYSTEMS
OPEN GRID

310 series

OPEN CELL CONTINUOUS

An open cell continuous type ceiling, manufactured of roll formed Aluminum U profile 10mm/20mm/12mm wide. Panels are built with upper and lower blades that dismantle to lend easy access to ceiling void. Offered in a versatile range of patterns. Special boxes can be provided for MEP Services.

FEATURES

MATERIAL

Aluminum Alloy as per EN AW 3000 or 5000 series.

THICKNESS

Aluminum: 0.4mm to 0.8mm

+ Custom thickness are available upon request

SURFACE FINISH

Plain
Perforated

COATING

Polyester Coating: ((5 μ (Back) + 20 μ (Face))

Polyester Powder Coating: (70 μ -80 μ)

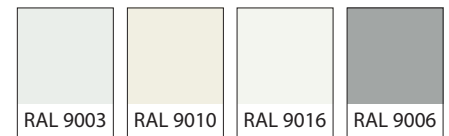
+ High Performance Coatings like PESDF, PVDF and POLYAMIDE are available upon request.

INSULATION

Acoustic Black Fleece is non-flammable and meets the standard DIN 4102 / B1. Classification A1 according to EN 13501-1.

Rockwool slabs conforming to ASTM C612 and equivalent BS 3958-5 are provided for acoustic insulation.

COLORS

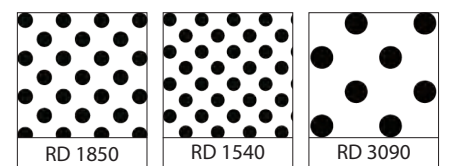


SPECIAL FINISHES



+ See www.rammetal.com for additional colors & special finishes available

PERFORATION PATTERNS



+ See www.rammetal.com for all available pattern options

SIZES (mm)

| | Cell size | Blade width | Blade height |
|---------|---------------------------------|-------------|--------------|
| RAM 311 | 50/60/75/86/100/120/150/200/300 | 10 | 40/50/55 |
| RAM 312 | 75/86/100/120/150/200/300 | 20 | 50 |
| RAM 313 | 75/86/100/120/150/200/300 | 12 | 42 |
| RAM 314 | 50/60/75/86/100/120/150/200/300 | 10/20 | 40/50/55 |

+ Custom Sizes available upon request

DATA / PERFORMANCE



ANTI BACTERIAL COATING
Tested as per JIS Z 2801: 2000, which inhibits the growth of bacteria on the applied surface.



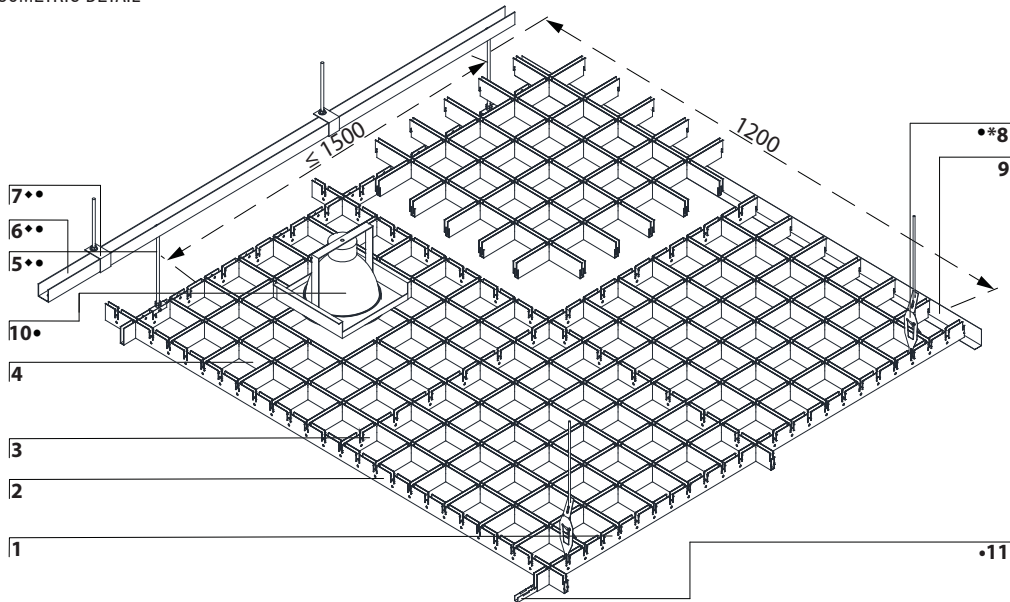
LIGHT REFLECTANCE (LR)
Achieved by the metal ceiling is LR – 0.85-0.96 tested as per ASTM E 1477.



FIRE PERFORMANCE
Surface Spread of flame Class 1 tested as per BS 476: Part 7: 1997
“Non-Combustible” Material tested as per BS 476: Part4: 1970
Flame Spread and Smoke Development Index tested as per ASTM E84 (Class 1 or A)

RAM 311 SQUARE/RECTANGULAR (10MM WIDTH) RAM 312 SQUARE/RECTANGULAR (20MM WIDTH) RAM 313 PYRAMID (12MM WIDTH) RAM 314 MIX

ISOMETRIC DETAIL



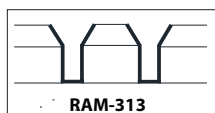
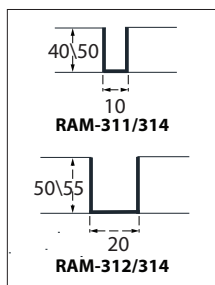
COMPONENTS

- 1 Main Carrier
- 2 Cross Bar 120
- 3 Cross Bar 60
- 4 Lower & Upper Blade
- 5 Threaded Rod ♦♦
- 6 U Stabilizer ♦♦
- 7 ST Bracket ♦♦
- 8 Adjustment Clip ♦♦
- 9 Wall Trim
- 10 Light Box ♦
- 11 C Splice ♦
- 12 MC Bracket ♦♦
- 13 MC Bracket Nut ♦♦

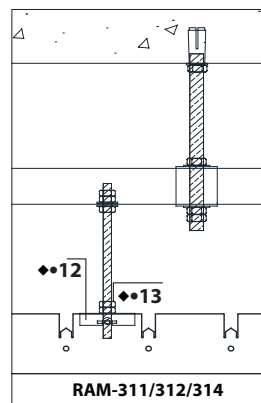
♦♦ For external application
* For internal application
♦ Optional

Custom sizes can be offered

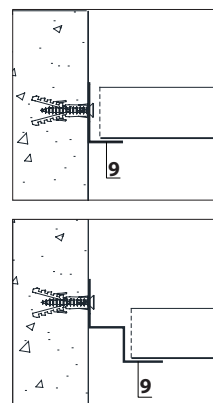
PANEL DESIGN PATTERN



OPTIONAL HANGING SOLUTIONS



PERIMETER OPTIONS



CELL OPTIONS

