

CEILING SYSTEMS  
LINEAR

# 120 series

## STRIP

A strip ceiling system designed for internal and external application, with closed groove & butt joint. Acoustics performance for internal system. Easy accessibility by sliding the strip out of the carrier. Progressive access to ceiling void. Offered in a wide range of sizes, colors & finishes.

## FEATURES

### MATERIAL

Aluminum Alloy as per EN AW 3000 or 5000 series.

Zinc Plated Galvanized Steel G90 grade.

### THICKNESS

Aluminum: 0.45mm to 0.8mm.

Galvanized Steel: 0.45mm to 0.7mm

+ Custom thickness are available upon request

### SURFACE FINISH

Plain  
Perforated

### SIZES

STRIP WIDTHS (mm):

RAM 121: 100/150/200/300

RAM 122: 200/300

PANEL DEPTH: 15mm

EDGE DETAIL:

RAM 121: Closed Groove (20mm)

RAM 122: Square Butt Joint

+ Custom sizes are available upon request

### COATING

Polyester Coating: ((5 $\mu$  (Back) + 20 $\mu$  (Face))

Polyester Powder Coating: (70 $\mu$  -80 $\mu$ )

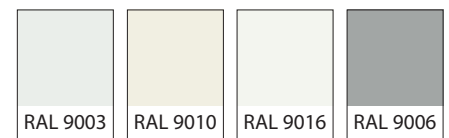
+ High Performance Coatings like PESDF, PVDF and POLYAMIDE are available upon request.

### 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

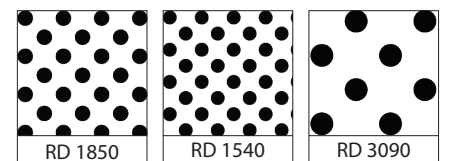


### SPECIAL FINISHES



+ See [www.rammetal.com](http://www.rammetal.com) for additional colors & special finishes available

### PERFORATION PATTERNS



+ See [www.rammetal.com](http://www.rammetal.com) for all available pattern options

## DATA / PERFORMANCE



### ACOUSTICS

Tested as per BS EN ISO 354: 2003 for sound absorption, noise reduction and sound attenuation.

NRC achieved with Acoustic Black fleece – NRC 0.75

NRC achieved with Acoustic Black Fleece and Rockwool Insulation – NRC 1.00

Tested as per ASTM E1414-11a for Airborne Sound Attenuation as per ISO 10848-2.

CAC can achieved up to – 48 dB

Perforated & Sound Attenuation cover



### 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.



### WIND RESISTANCE

Tested as per ASTM E330-02.



### FIRE PERFORMANCE

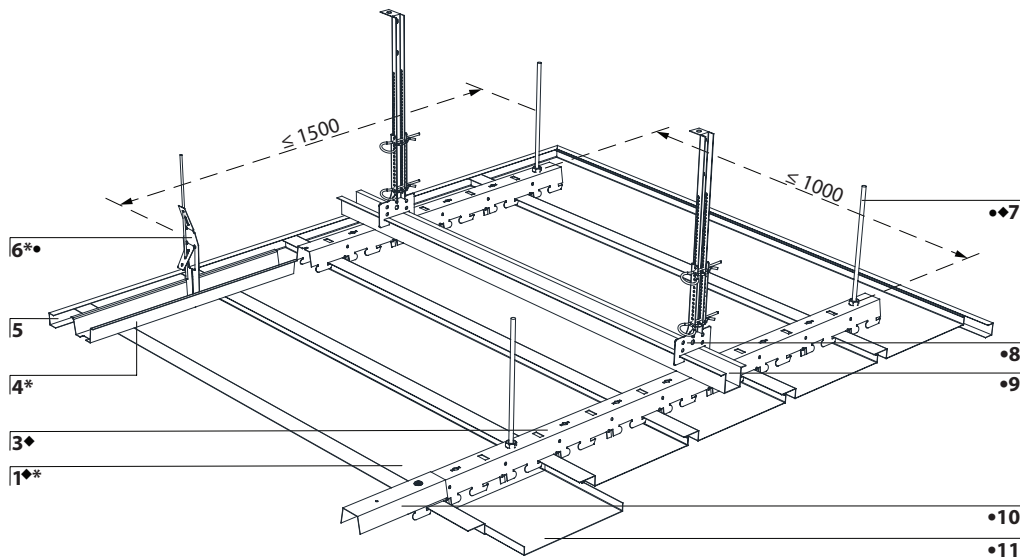
Surface Spread of flame Class 1 tested as per BS 476: Part 7: 1997

“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 121 STRIP WITH CLOSED GROOVE RAM 122 STRIP WITH BUTT JOINT

### ISOMETRIC DETAIL



### COMPONENTS

- 1 Strip ♦♦
- 2 RAM-122 Main Carrier ◊
- 3 RAM-121 Main Carrier ♦
- 4 RAM-121 Main Carrier \*
- 5 Wall Trim
- 6 Adjustment Clip ♦♦
- 7 Threaded Rod ♦♦
- 8 Rigid Hanging System ◊
- 9 Stabilizer ◊
- 10 S Splice ◊
- 11 C Splice ◊
- 12 Wedge ◊

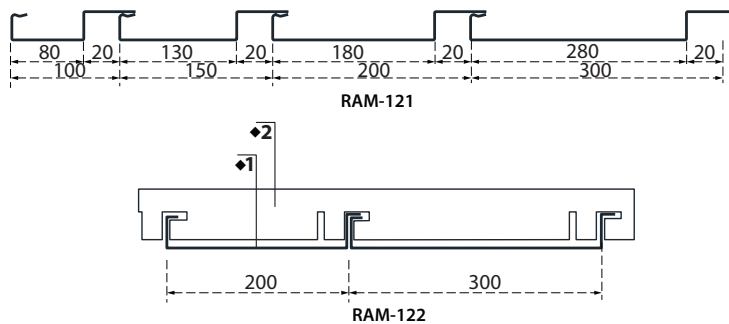
♦ For external application

\* For internal application

◊ Optional

Custom sizes can be offered

### PANEL STRIP MODULES



### JOINT DETAIL



### PERIMETER OPTIONS

