

CEILING SYSTEMS

LINEAR

110 series STRIP

A strip ceiling system designed for internal and external application, with flush filler (rounded edge). Acoustics performance for internal system. Easy accessibility to ceiling void with access key tool. 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: 0.5mm to 2.00mm.

Galvanized Steel: 0.45mm to 1.00mm

+ Custom thickness are available upon request

SURFACE FINISH

Plain
Perforated

SIZES

MODULE WIDTHS (mm): 100/150/200/300

STRIP WIDTHS (mm): 85/135/185/285

FILLER STRIP WIDTH: 15mm

PANEL DEPTH: 15mm

EDGE DETAIL:

RAM 111: Rounded

+ Custom sizes are available upon request

COATING

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

Polyester Powder Coating: (70 μ -80 μ)

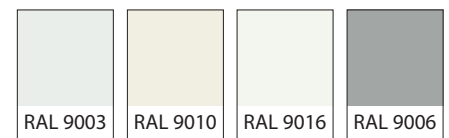
+ High Performance Coatings like PESDF, PVDF and POLYAMIDE are available upon request.

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

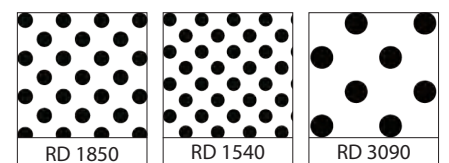


SPECIAL FINISHES



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

PERFORATION PATTERNS



+ See www.rammatal.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.



FIRE PERFORMANCE

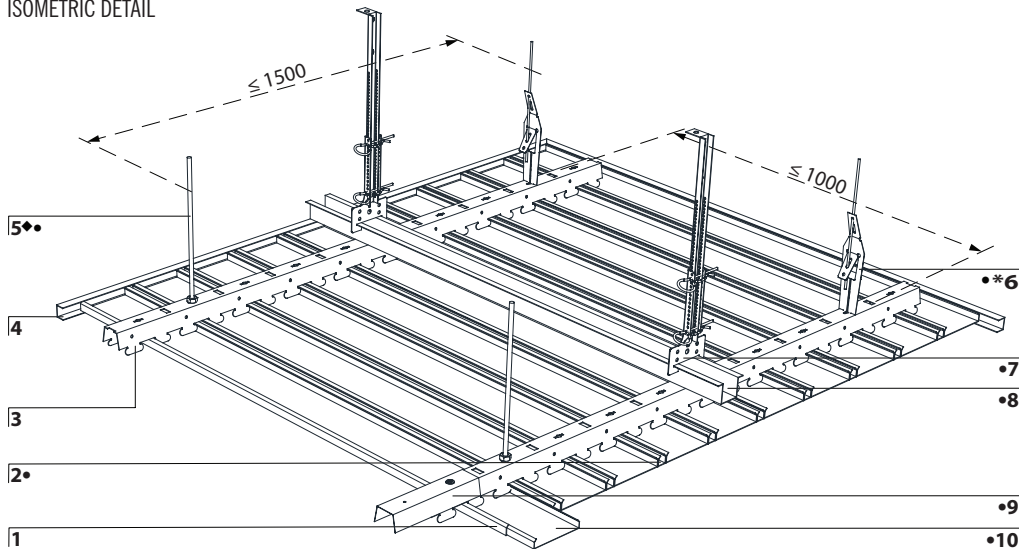
Surface Spread of flame Class 1 tested as per BS 476: Part 7: 1997

“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 111 STRIP WITH FLUSH FILLER

ISOMETRIC DETAIL



COMPONENTS

- 1 Strip
- 2 Filler Strip •
- 3 Main Carrier
- 4 Wall Trim
- 5 Threaded Rod ♦♦
- 6 Adjustment Clip ♦♦
- 7 Rigid Hanging System •
- 8 Stabilizer •
- 9 C Splice •
- 10 S Splice •
- 11 Wedge •

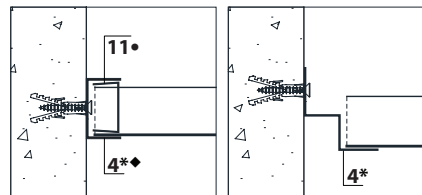
♦ For external application
* For internal application
• Optional

Custom sizes can be offered

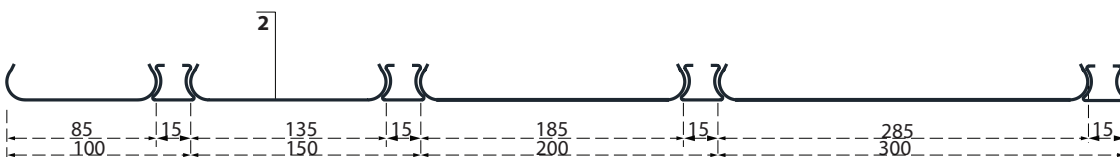
PANEL FILLER STRIP CONFIGURATION



PERIMETER OPTIONS



PANEL STRIP MODULE



RAM-111