

An open & no limitation design ceiling. Can be custom manufactured to architect specifications. Ideal for complex geometric sizes & shapes. Fully demountable, complying with any accessibility requirements. Offered in a wide range of designs, sizes, colors & finishes.

# FEATURES

## MATERIAL

Aluminum Alloy as per EN AW 3000 or 5000 series.

Zinc Plated Galvanized Steel G90 grade.

## THICKNESS

Aluminum or Galvanized Steel (mm): 0.5 to 2.0

+ Custom thickness are available upon request

#### SURFACE FINISH

Plain Perforated

#### SIZE

WIDTH (mm): ≤1200 LENGTH (mm): ≤4000

+ 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

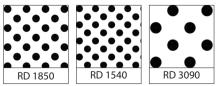


## SPECIAL FINISHES



- + See www.rammetal.com for additional colors & special finishes available
- + Special finishes can be provided in lamination, sublimation or coil coating process.

#### PERFORATION PATTERNS



<sup>+</sup> See 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/cladding is LR – 0.85-0.96 tested as per ASTM E 1477.



FIRE PERFORMANCE

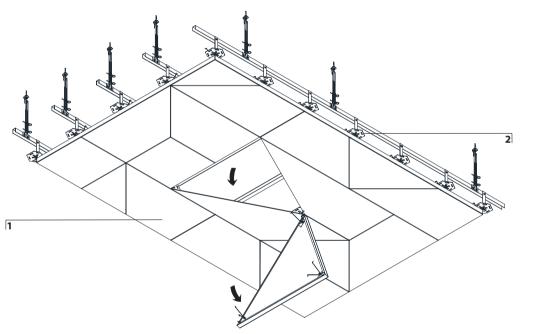
Surface Spread of flame Class 1 tested as per BS 476: Part 7: 1997

"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 1211 BESPOKE

## **ISOMETRIC DETAIL**



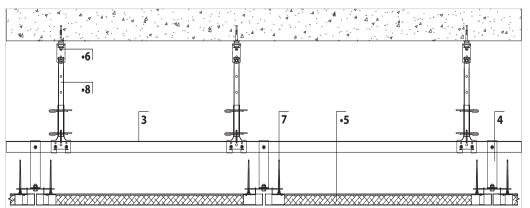
#### COMPONENTS

- 1 Panel
- 2 Node Plate
- 3 Stabilizer
- 4 Hanging Bracket
- 5 Rockwool •
- 6 Anti-Vibraion Clip (TR) •
- 7 Torsion Spring Wire
- 8 Rigid Hanging System •

#### Optional

Custom sizes can be offered

#### SECTION DETAILS



#### PANEL JOINT DETAIL



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