

CEILING SYSTEMS

BAFFLE

940 series

DIASPACE

A non-conventional profile shape with a modern look. Ideal for open spaces & high ceiling level to view through the void. For airports, metro stations, car showrooms & libraries. Can be produced with variable modules in between. Fully demountable. Special service tray can be produce to integrate light fitting & other MEP services in order to provide clear finish. Offered in a wide range of designs, sizes, colors & finishes.

FEATURES

MATERIAL

Aluminum Alloy as per EN AW 3000 or 5000 series.

THICKNESS

Aluminum (mm)
0.5 to 0.6

+ Custom thickness are available upon request

SURFACE FINISH

Plain
Perforated

SIZE

HEIGHT (mm)
150 - 400

WIDTH (mm)
50 - 100

LENGTH
Up to 3000mm

SPACING (mm)
50/100/150

+ Custom sizes are available upon request

COATING

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

Polyester Powder Coating: (70μ -80μ)

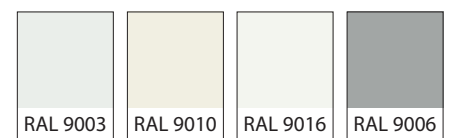
+ High Performance Coatings like PESDF, PVDF and POLYAMIDE are available upon request.

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

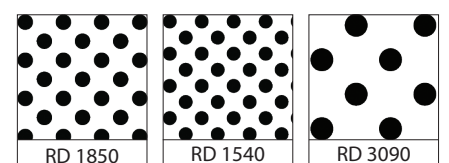


SPECIAL FINISHES



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

PERFORATION PATTERNS



- + 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 is LR – 0.85-0.96 tested as per ASTM E 1477.



FIRE PERFORMANCE

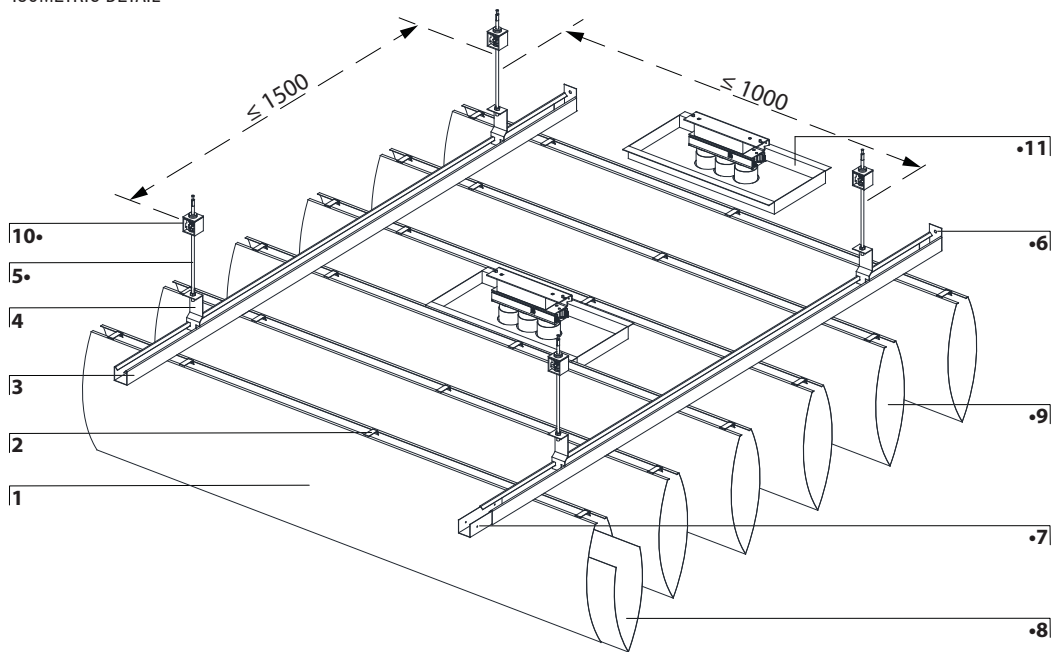
Surface Spread of flame Class 1 tested as per BS 476: Part 7: 1997

“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 941 DIASPACE

ISOMETRIC DETAIL



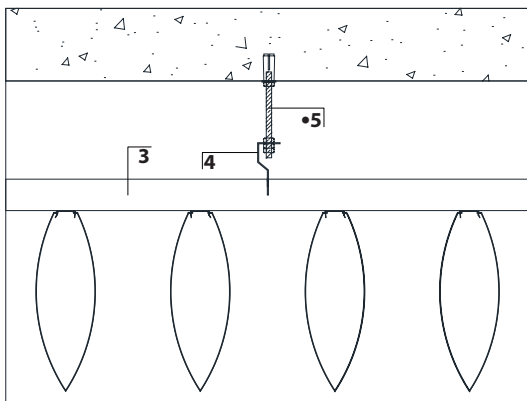
COMPONENTS

- 1 Baffle
- 2 Security Clip
- 3 Carrier
- 4 Hanging Bracket
- 5 Threaded Rod •
- 6 Wall End Bracket •
- 7 C Splice •
- 8 D Splice •
- 9 End Cap •
- 10 Anti-Vibration Clip (TR) •
- 11 Service Tray •

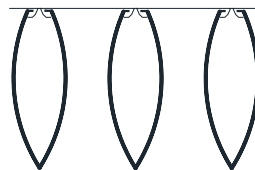
• Optional

Custom sizes can be offered

SECTION DETAIL



STRIP DETAIL



PERIMETER DETAIL

