CEILING SYSTEMS
BAFFLE

950 series

3D

An architectural solution for connecting ceilings to walls. Ideal for open spaces & high ceiling level to view through the void. For airports, metro station, car showroom, & libraries. Can be produced in horizontal as well as vertical curvature and in variable depths up to 1000mm. Acoustic insulation for optimal performance and is fully demountable. A special service tray can be produced 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.

Zinc Plated Galvanized Steel G90 grade.

THICKNESS

Aluminum (mm)
0.5 to 1.0

Galvanized Steel (mm)
0.5 to 0.9

+ Custom thickness are available upon request

SURFACE FINISH

Plain
Perforated

SIZE

HEIGHT (mm): Up to 50mm

WIDTH (mm): 10/20/30

LENGTH: Up to 3000mm

+ Custom sizes are available upon request

COATING

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

Polyester Powder Coating: (70μ -80μ)

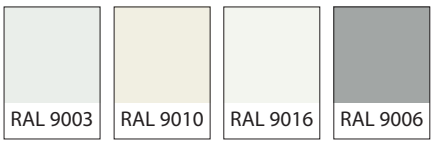
+ High Performance Coatings like PESDF, PVDF and POLYAMIDE are available upon request.

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

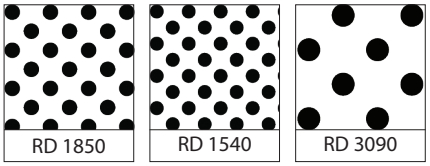


SPECIAL FINISHES

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

+ Special finishes can be provided in lamination, sublimation or coil coating process.

PERFORATION PATTERNS



+ See www.dorsoram.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

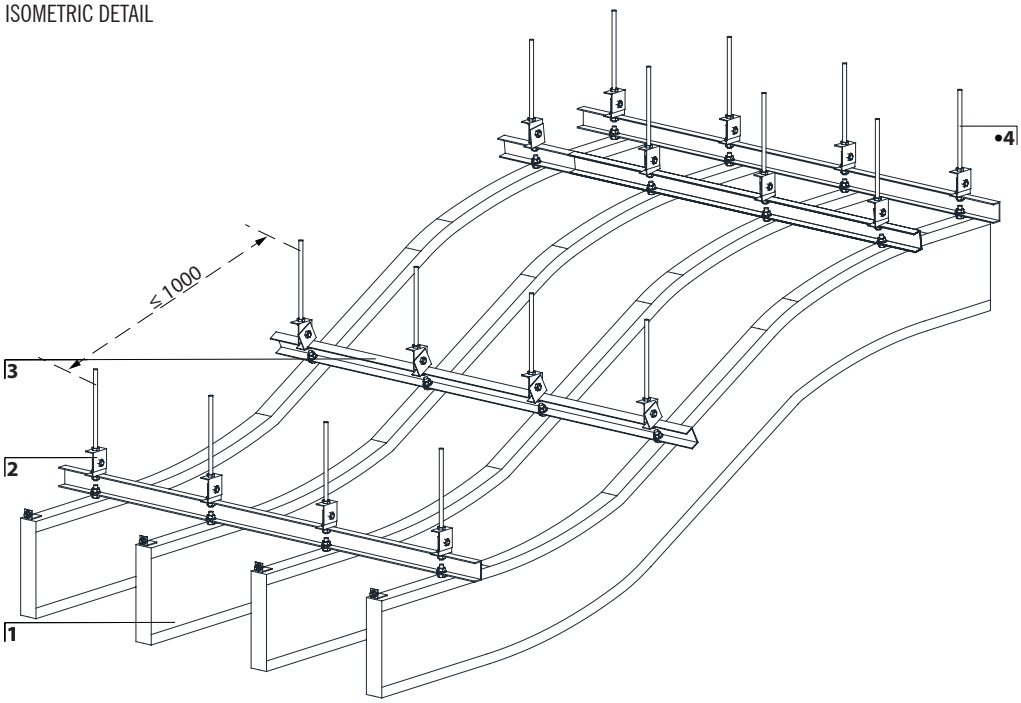
Surface Spread of flame Class 1 tested as per BS 476: Part 7: 1997

"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 951 3D

ISOMETRIC DETAIL



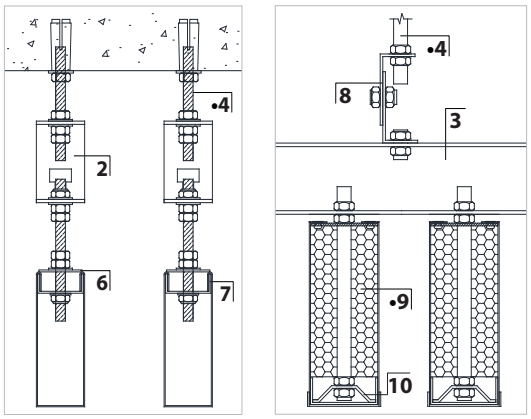
COMPONENTS

1 Baffle
2 Flexible Bracket
3 Stabilizer
4 Threaded Rod •
5 F Splice
6 Expension Plate
7 Hanging Bracket
8 L Angle Profile
9 Backing Board •
10 Nut Bracket

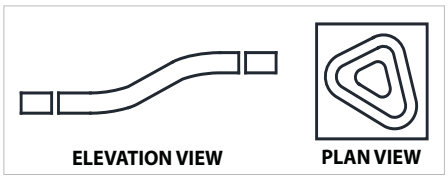
• Optional

Custom sizes can be offered

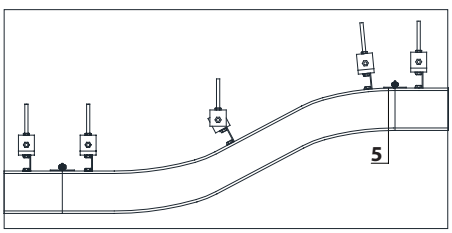
OPTIONAL HANGING SOLUTIONS



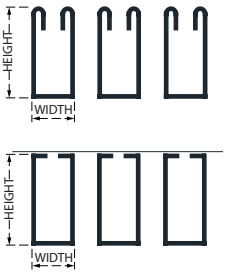
PANEL DESIGN PATTERN



LONGITUDINAL SECTION



STRIP DETAIL



Dorso Partitions & False Ceilings L.L.C.
DUBAI INDUSTRIAL PARK
DUBAI, U.A.E.

T: +971 4 451 8884
F: +971 4 454 7073

contactus@dorsoram.com
www.dorsoram.com

©2022 Dorso Partitions & False Ceilings L.L.C.
All Rights Reserved.

DORSO