

CEILING SYSTEMS  
CORRIDOR SOLUTIONS

# 430 series

SELF SUPPORTED  
CLIP-IN



A clip-in type self-supported ceiling for corridor solutions. Modular ceiling panels clipped into concealed 'Z' profile. Fully demountable with downward accessibility using panel removal access key tool. Easy accessibility to ceiling void without any intermediate support. 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 or Galvanized Steel:  
0.5mm to 0.8mm

+ Custom thickness are available upon request

### SURFACE FINISH

Plain  
Perforated  
Decorative Patterns

### SIZE (mm)

#### WIDTH

300 to 700

#### LENGTH

900 to 3000

#### EDGE

Square

+ Custom sizes are available upon request

### COATING

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

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

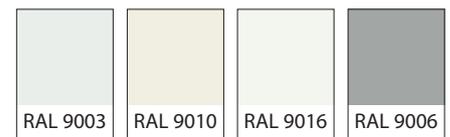
+ High Performance Coatings like PESDF, PVDF and POLYAMIDE are available upon request.

### 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



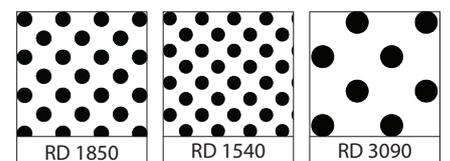
### SPECIAL FINISHES



+ See [www.dorsoram.com](http://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](http://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

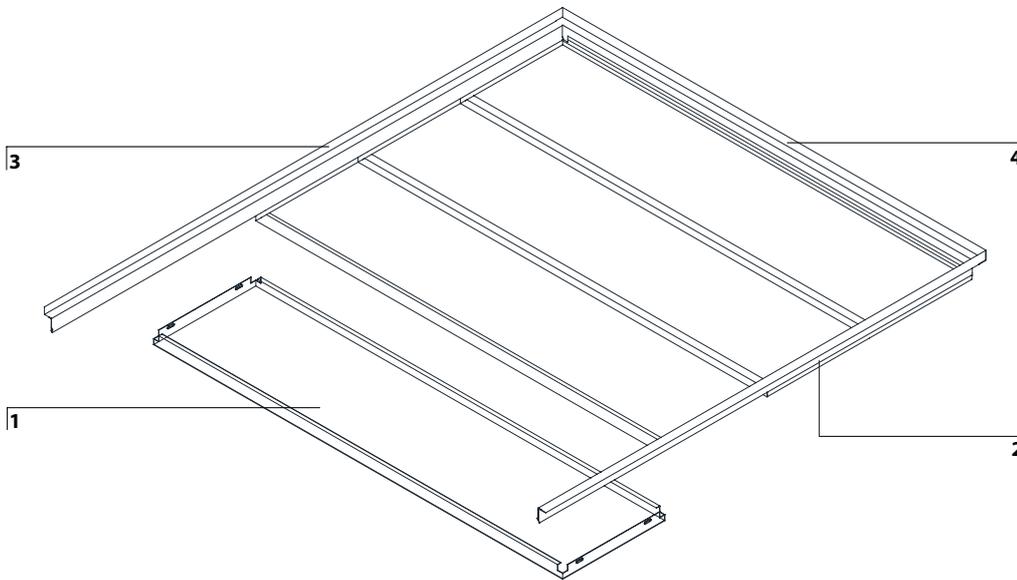
Surface Spread of flame Class 1 tested as per BS 476: Part 7: 1997

“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 431 CLIP-IN

### ISOMETRIC DETAIL



### COMPONENTS

- 1 Panel
- 2 ZL Profile (Adjustable)
- 3 ZL Profile (Adjustable)
- 4 Shadow Cover Profile
- 5 Bolt & Nut
- 6 L Profile

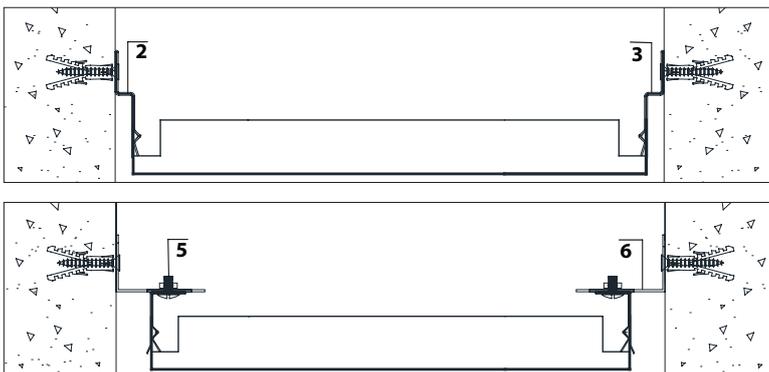


Luminous Panel •

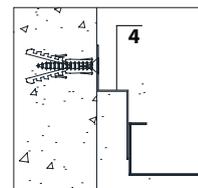
• Optional

Custom sizes can be offered

### CARRIER DETAILS



### PERIMETER OPTIONS



### PANEL JOINTS DETAIL

