

WALL SYSTEMS

EXTERNAL METAL CLADDING

# 2120 series

EXTERNAL COLUMN  
COVERING

An ideal solution for external wall covering. Its strong structure is suitable for integrated TV screens, sign boards & speakers. Progressive accessibility. Offered in a wide range of designs, sizes, colors, perforations & finishes.

## FEATURES

### MATERIAL

Aluminum Alloy as per EN AW 3000 or 5000 series.

Zinc Plated Galvanized Steel G90 grade.

### THICKNESS

Aluminum (mm): 1.0–3.0

+ Custom thickness are available upon request

### SURFACE FINISH

Plain

Perforated

### SIZE

HEIGHT (mm): 300–1500

LENGTH (mm): up to 3000

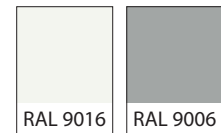
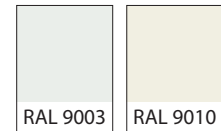
+ Custom sizes are available upon request

### COATING

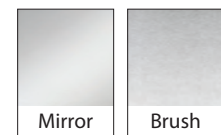
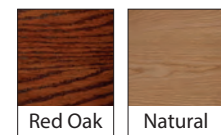
Polyester Powder Coating:  
(70 $\mu$  -80 $\mu$ )

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

### COLOR / FINISH



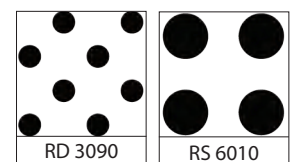
### SPECIAL FINISHES



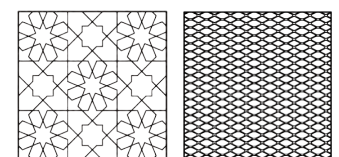
+ See [www.rammatal.com](http://www.rammatal.com) for additional colors & special finishes available

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

### PERFORATION PATTERNS



### SURFACE PATTERNS



+ See [www.rammatal.com](http://www.rammatal.com) for all other pattern options

## DATA / PERFORMANCE



### WIND RESISTANCE

Complies with CWCT Sec 1,12:2005  
Wind Resistance – Serviceability &  
Safety (3600 Pa)

### AIR PERMEABILITY

Complies with CWCT Sec 5:2005 Air  
Leakage (Test pressure +/- 600 Pa)



### LIGHT REFLECTANCE (LR)

Achieved by the metal cladding is  
LR – 0.85-0.96 tested as per ASTM  
E 1477.



### WATER RESISTANCE

Complies with CWCT Sec 6,7:2005  
Water Penetration – Static Method  
& Dynamic Aero Engine Test (Test  
pressure 600 Pa)



### IGNITION PERFORMANCE FOR PLASTICS

Complies with ASTM D1929-16  
Standard Test Method for Determining  
Ignition Temperature of Plastics

\* Flash Ignition Temperature - 458 °C

\* Self-Ignition Temperature - 458 °C



### FIRE PERFORMANCE

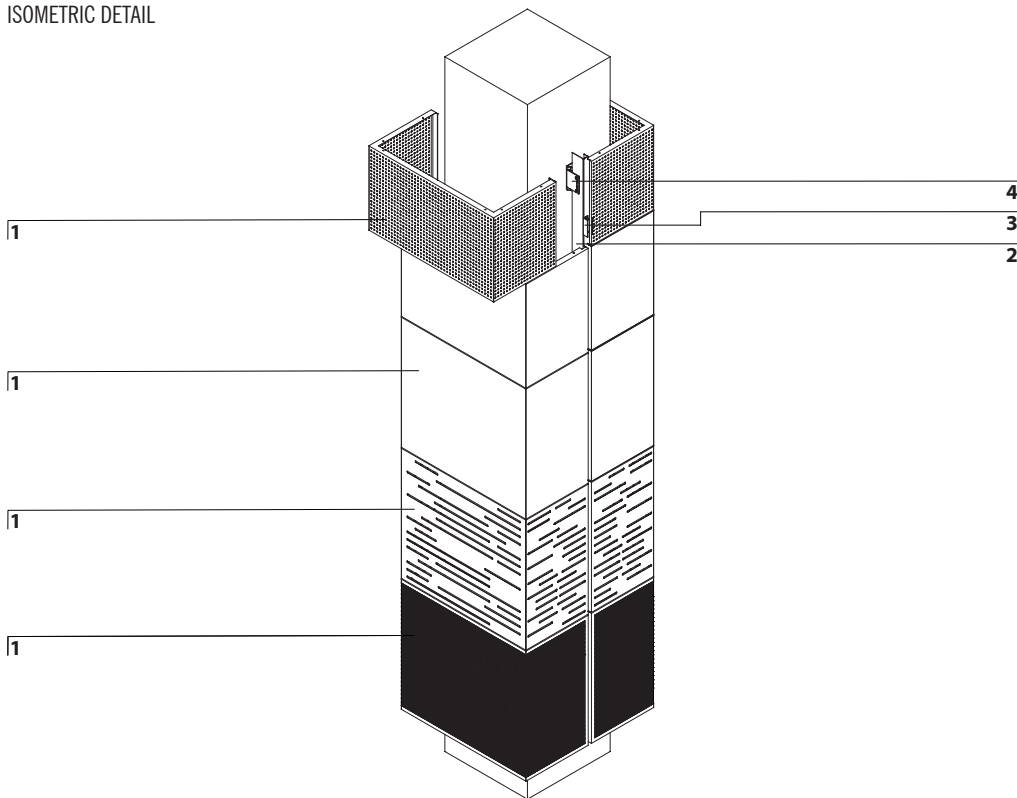
Complies with UNE-EN 13501-1:2007  
+A1:2010 Fire classification of  
construction products and building  
elements - Part 1: Classification using  
data from reaction to fire tests (CLASS  
A2-S1, d0)

Complies with NFPA 285-2012  
Standard Fire Test Method for  
Evaluation of Fire Propagation  
Characteristics of Exterior Non-Load-  
Bearing Wall Assemblies Containing  
Combustible Components

## RAM 2121 SOLID PLAIN RAM 2122 PERFORATED

## RAM 2123 EXPANDED METAL MESH RAM 2124 ARCHITECTURAL FINISH

### ISOMETRIC DETAIL

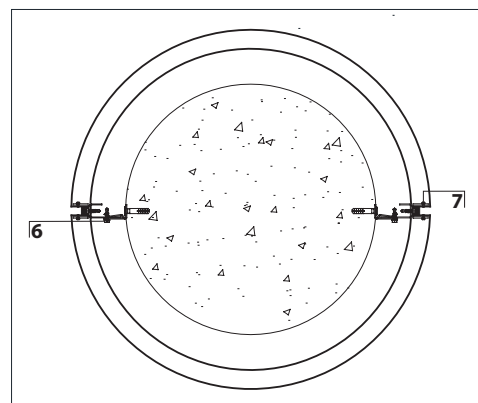
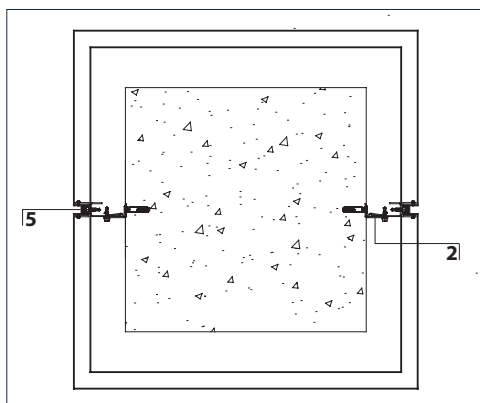


### COMPONENTS

- 1 Panel
- 2 J Profile
- 3 L Angle Profile
- 4 Wall Bracket
- 5 Fire Rated Silicone Sealant
- 6 Self Drilling Screw
- 7 Blind Rivet

Custom sizes can be offered

### SECTION DETAILS



### PANEL JOINTS DETAIL



10, 15 & 20mm GAP