WALL SYSTEMS

EXTERNAL METAL CLADDING

2110 series

EXTERNAL WALL 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

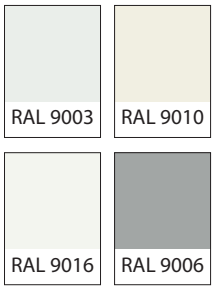
+ Custom sizes are available upon request

COATING

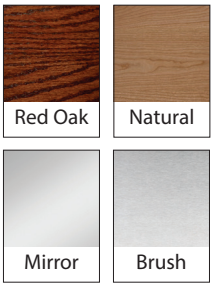
Polyester Powder Coating: (70μ -80μ)

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

COLOR / FINISH



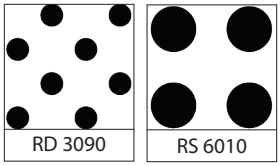
SPECIAL FINISHES



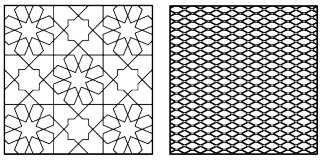
+ See www.rammetal.com for additional colors & special finishes available

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

PERFORATION PATTERNS



SURFACE PATTERNS



+ See www.rammetal.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 Temprature - 458 °C

* Self-Ignition Temprature - 458 °C

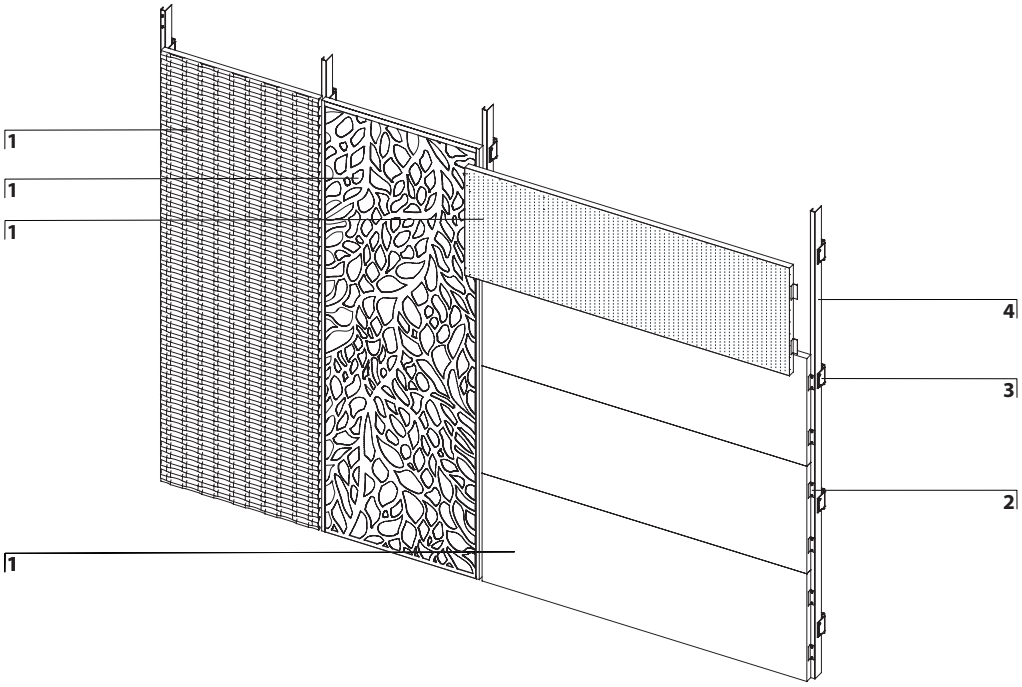
FIRE PERFORMANCE

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 2111 SOLID PLAIN
RAM 2112 PERFORATED
RAM 2113 EXPANDED METAL MESH
RAM 2114 ARCHITECTURAL FINISH

ISOMETRIC DETAIL

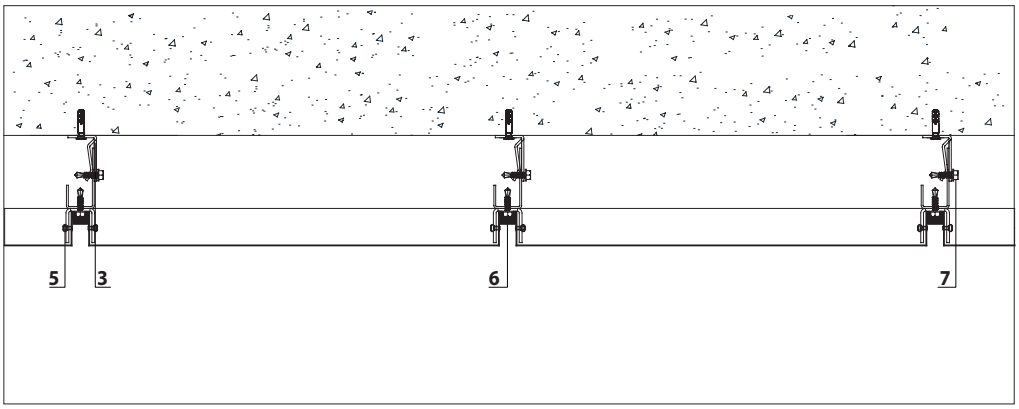


COMPONENTS

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

Custom sizes can be offered

SECTION DETAILS



PANEL JOINTS DETAILS

10, 15 & 20mm GAP

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