



ATENA S.P.A. HAS A QUALITY
MANAGEMENT SYSTEM
CERTIFIED BY RINA
IN COMPLIANCE WITH ISO 9001

ATENA TRIGON



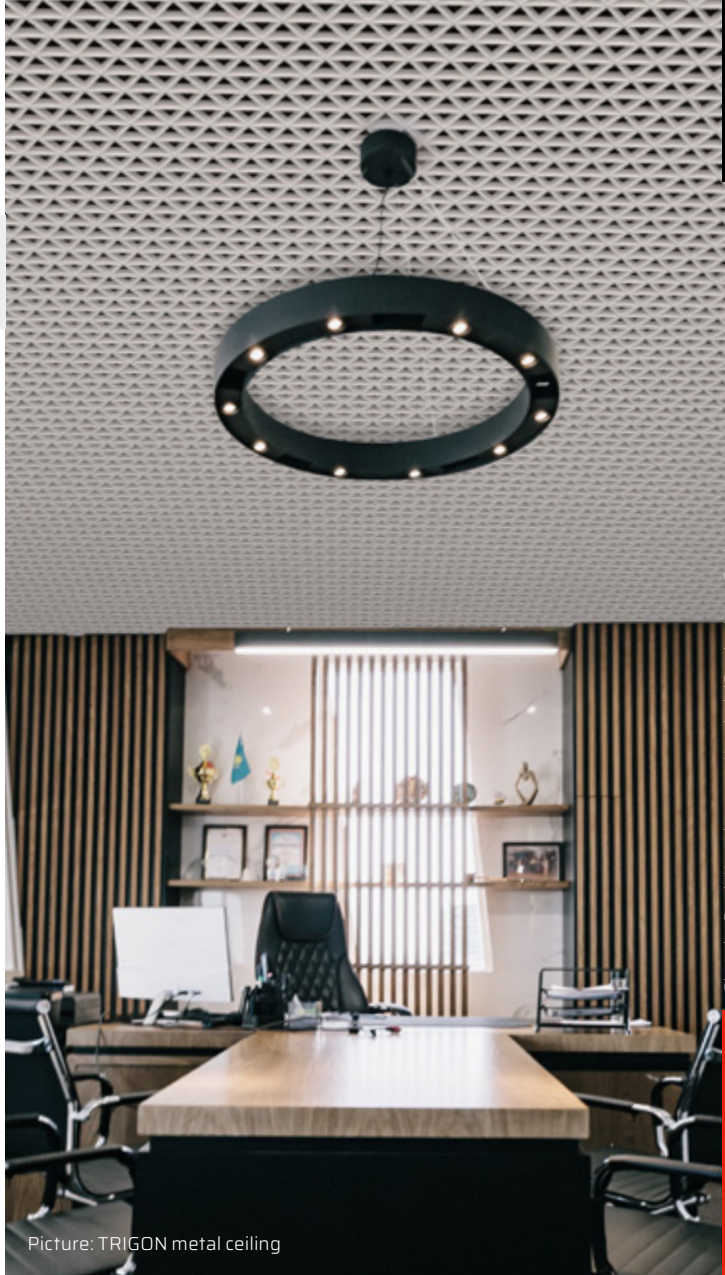
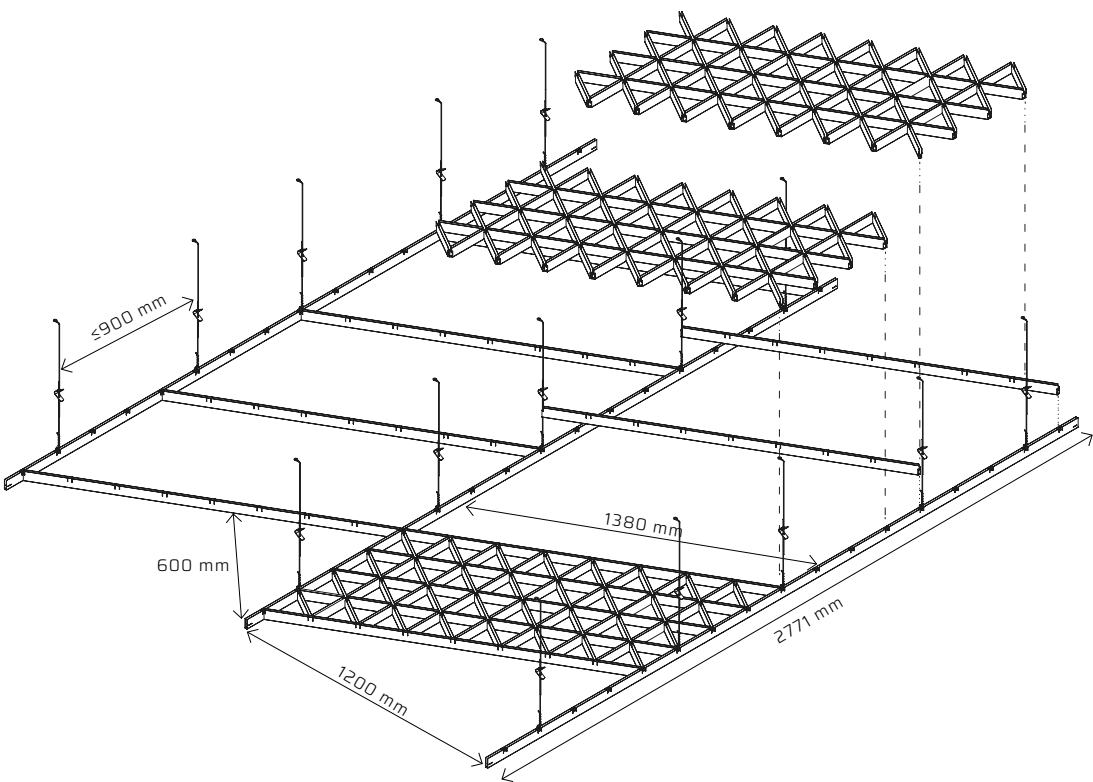
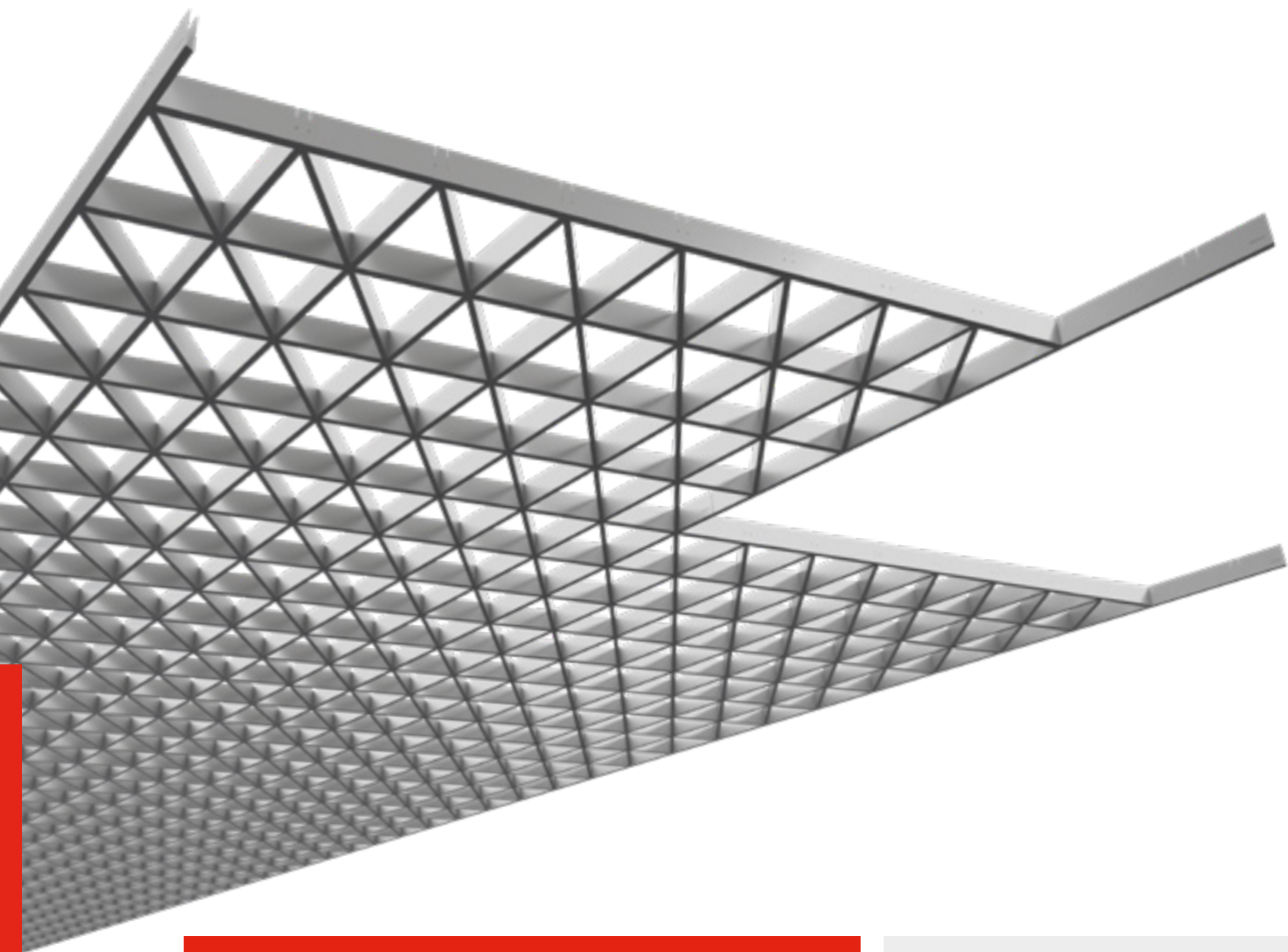
TRIANGULAR CELLS TO CREATE DYNAMIC
VISUAL PATTERNS.
CONTINUOUS MODULES AND T24 LAY-IN
SYSTEMS ARE BOTH AVAILABLE

TRIGON open cell

City chic style for the new ATENA TRIGON grid ceiling. The triangular shape of the cells stands out in this ceiling aesthetic pattern. A special visual game of dynamic symmetries where the triangle at time becomes hexagon at other rhombus.

- **Type:** continuous modules and T24 Lay-in ceiling
- **Module size:** 600x1200
- **Meshes:** 120x120 | 150x150 | 200x200, for T24 150x150 only
- **Pattern:** triangular
- **Colors:** white, silver, RAL colors
- **Natural look:** wood finishing

TRIGON OPEN CELL



Picture: TRIGON metal ceiling

TRIGON OPEN CELL

STRUCTURE:
Main profiles: 2771,3 mm | Cross profiles: 1380 mm

PANELS:
Trigon base 10 H41
~693x1386 mm: Aluminum 5/10
Meshes: 120x120 | 150x150 | 200x200

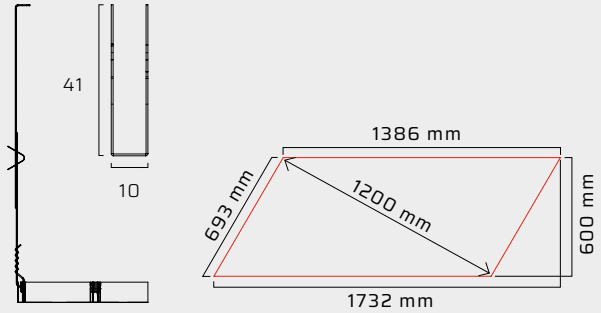
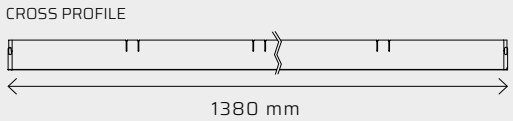
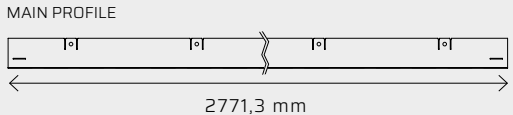
HANGERS:
Ø2 Double standard hanger mm with spring
Suspensions to evaluate according to the load at m²,
to the project features and antiseismic requirements.

COLORS AND FINISHING:
Atena standard white and silver pre-painted aluminum
Wood effect pre-painted aluminum

INCIDENCES:

MESHES	ELEMENT QUANTITY PER MODULE 600X1200			PIECES/SQM		LM/SQM
	LOWER ELEMENTS	INTERM. ELEMENTS	SUPERIOR ELEMENTS	2771,3 mm PROFILE	1380 mm PROFILE	
120x120	4	9	14	0,252	1,2	25
150x150	3	7	11	0,252	1,2	20
200x200	2	5	7	0,252	1,2	15

STRUCTURE AND PANELS



DETAIL

SUSPENSION

CROSS
PROFILE

MAIN
PROFILE

WOOD ATENA RANGE



L07
MEDIUM PINE



L17
OREGON 4

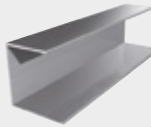


L13
CHENE
IRLANDAIS



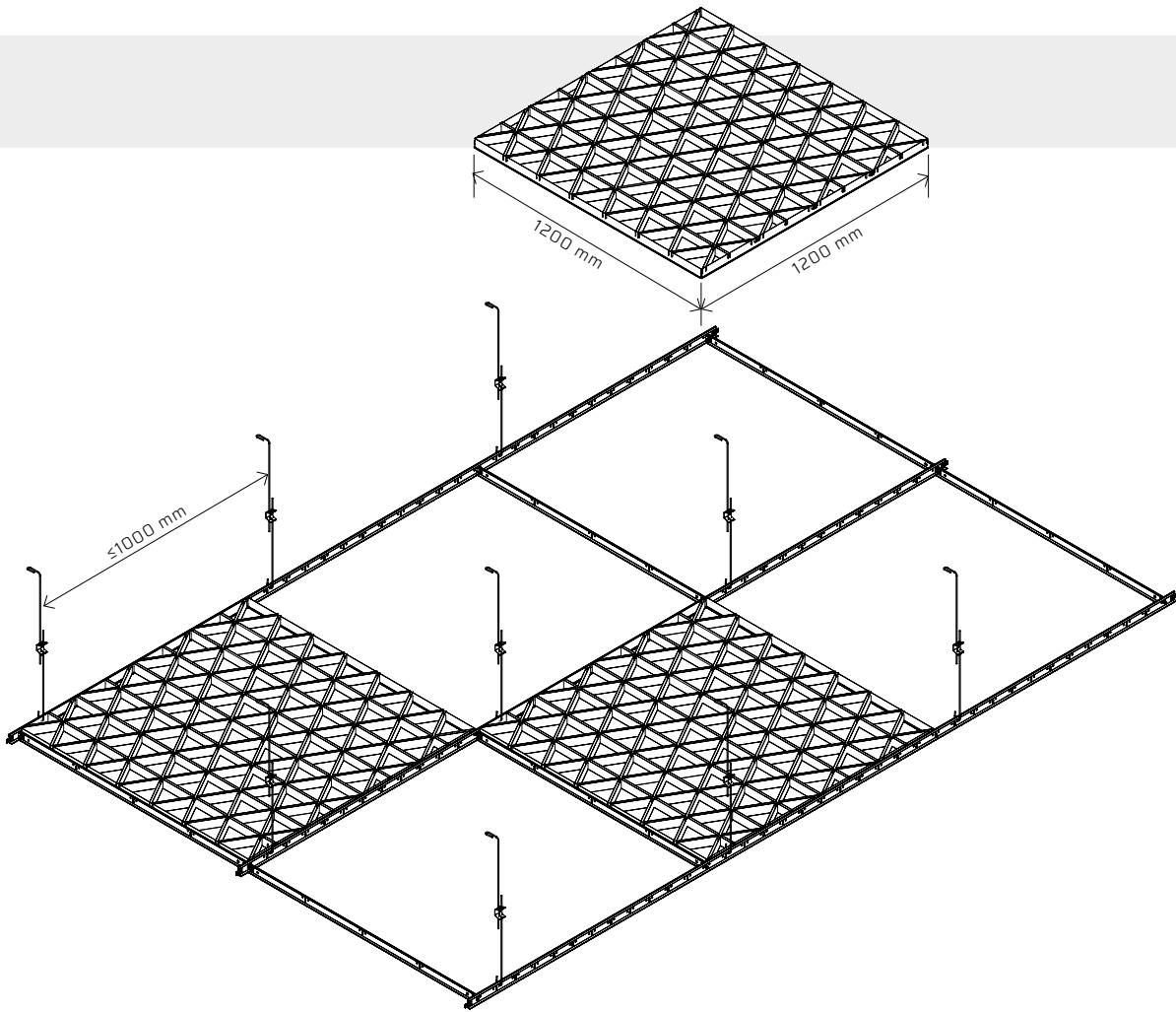
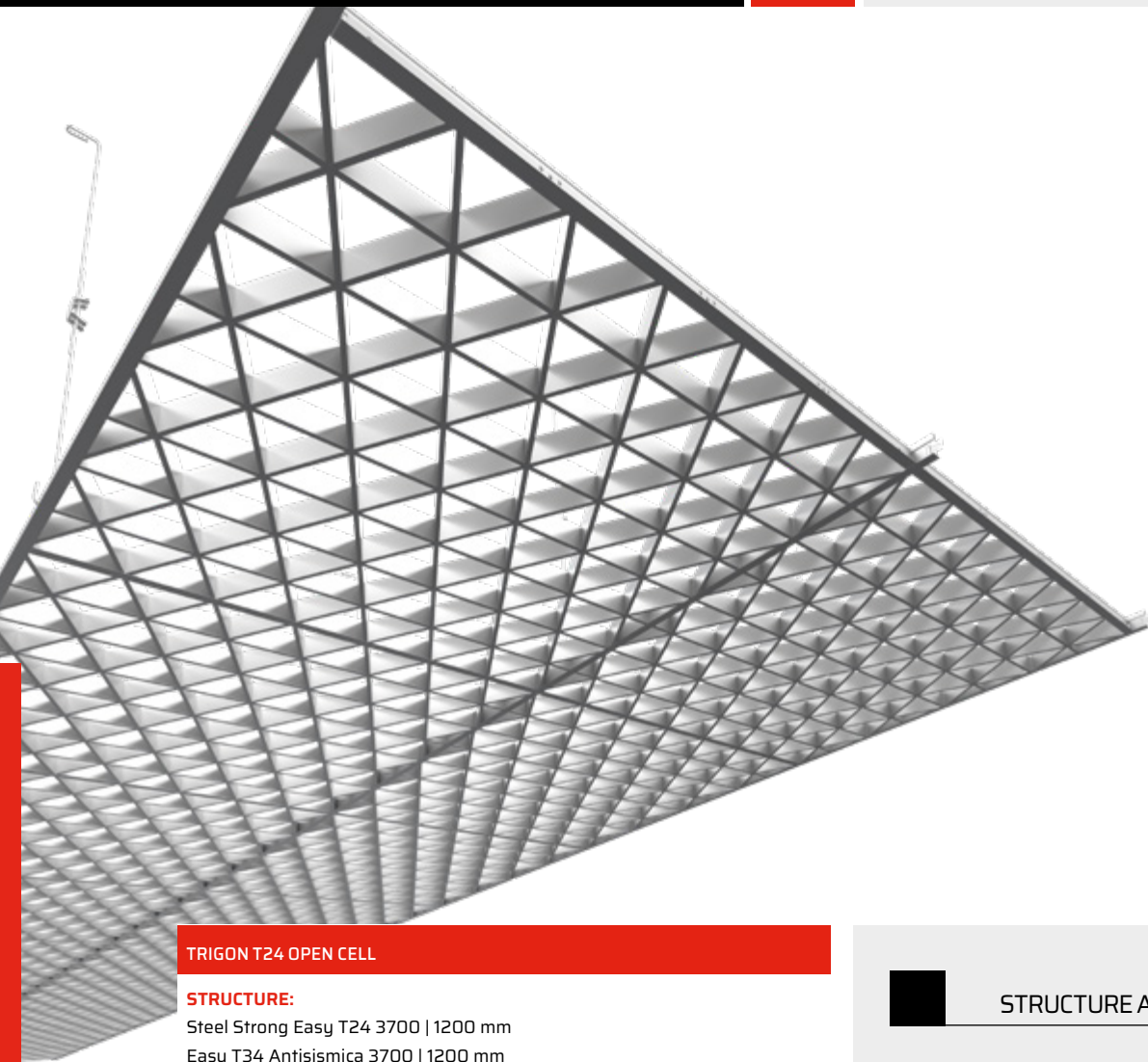
L14
MADERA
BRAZIL

WALL ANGLE



"C" PROFILE
25x42x10 mm
L=4000 mm

TRIGON T24 OPEN CELL



Picture: TRIGON T24 metal ceiling

TRIGON T24 OPEN CELL

STRUCTURE:

Steel Strong Easy T24 3700 | 1200 mm
Easy T34 Antismica 3700 | 1200 mm

PANELS:

Trigon base 10 H41
1200x1200 mm: Aluminum 5/10 | Mesh: 150x150

HANGERS:

Ø2 Double standard hanger mm with spring
Suspensions to evaluate according to the load at m²,
to the project features and antiseismic requirements.

COLORS AND FINISHING:

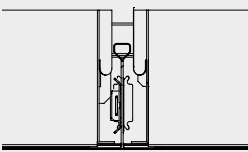
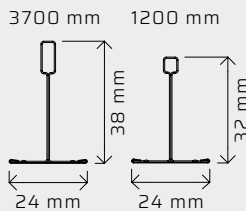
Atena standard white and silver pre-painted aluminum
Wood effect pre-painted aluminum

INCIDENCES:

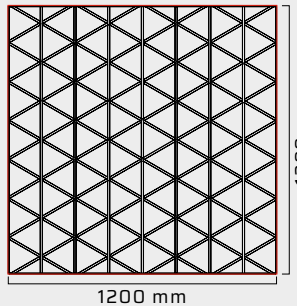
MESH	ELEMENTS	PANELS ELEMENTS	pcs/m²	lm/m²
150x150	"L" frontal elements	2 pcs	1,39	29,782
	"L" lateral elements	2 pcs	1,39	
	"A" lower elements	4 pcs	2,78	
	"B" lower elements	3 pcs	2,08	
	Crossing elements	10 pcs	6,94	
	Main elements	10 pcs	6,94	

STRUCTURE AND PANELS

EASY T24 STANDARD PROFILES

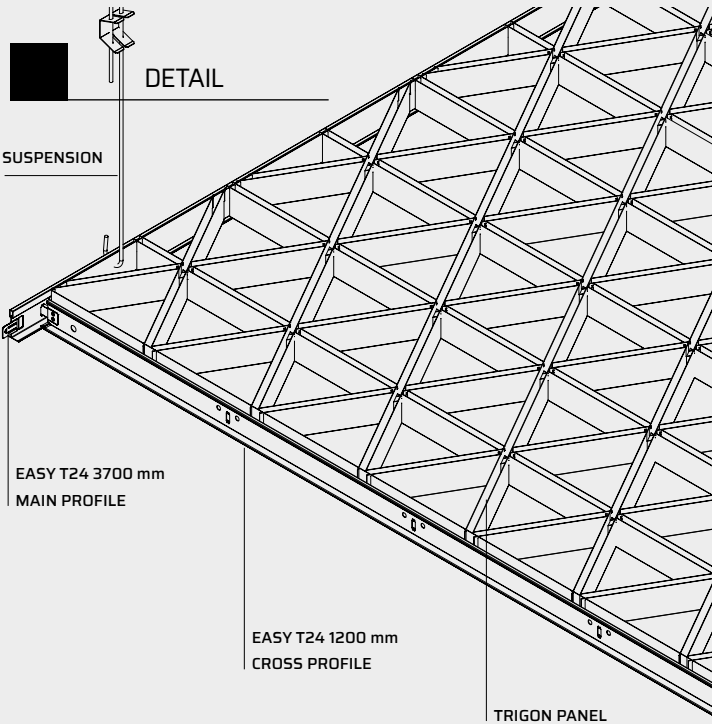


system section



DETAIL

SUSPENSION



EASY T24 3700 mm
MAIN PROFILE

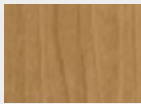
EASY T24 1200 mm
CROSS PROFILE

TRIGON PANEL

WOOD ATENA
RANGE



L07 | MEDIUM PINE



L13 | CHENE IRLANDAIS



L14 | MADERA BRAZIL



L17 | OREGON 4

STRUCTURE
COLORS



WHITE

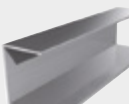


BLACK



SILVER

WALL
ANGLE



"C" PROFILE
25x42x10 mm
L=4000 mm

TECHNICAL PERFORMANCES



FLEXION
RESISTANCE

Maximum span mm 1200 - **1 Class**
EN13964



CORROSION
RESISTANCE

Galvanized steel products: **C2 Class**
Pre-painted galvanized steel products: **C3 Class**
Post-painted galvanized steel products: **C4 Class**
Pre/post-painted aluminum products: **C5 Class**



(RH%) **RELATIVE
HUMIDITY
RESISTANCE**

Galvanized steel products: **≤ 90%**
Pre/post-painted galvanized steel products: **> 90%**
Stainless steel and aluminium products: **> 90%**



FIRE REACTION

A1 Class
UNI EN 13501-1



CLEANING

Wet cloth with warm water and neutral non-abrasive detergents.



COLOR STABILITY

In compliance with technical tolerances standard.
Test according the ΔE - CIELab method.
ISO 7724-2 (3)



PAINTED ITEMS
DURABILITY

C Class
EN13964



GALVANIZED ITEM
DURABILITY

B Class
EN13964

SUSTAINABILITY



RELEASE OF
DANGEROUS
SUBSTANCES*

None
CAM 2.4.13
EN13964



FORMALDEHYDE*

E1 Class
CAM 2.3.5.5



DISASSEMBLY*

Steel | Aluminium
100% recyclable
CAM 2.4.11



MATERIAL
DEMOLITION AND
REMOVAL*

Non hazardous waste
in compliance with
CAM 2.5.1.



RECYCLED
PRODUCT
CONTENT*

CAM 2.4.18
compliance



GREEN
BUILDING

Requirements: **LEED**
(BREEAM and ITACA
for cross-section aspects)

* Data declaration as required by the ISO 14021 standard



Picture: Trigon open cell metal ceiling

TO BE INSPIRED
atena-it.com

follow us



ATENA TRIGON OPEN CELL

METAL CEILING



FALSE CEILINGS AND COVERINGS

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Picture:
Trigon open cell
ceiling

Credits:
istockphoto.com: p.1-2-6-10
unsplash.com: p.4-9

The settings are reinterpreted with
photorealistic
reconstructions by Atena S.p.A.
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