

T-GRID RANGE

STEEL
STRONG



atena®

QUALITY CEILINGS

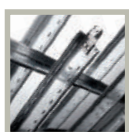
Vivi

L'espressione del metallo





INDEX



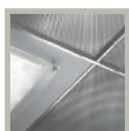
P. 04

OVERVIEW



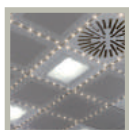
P. 12

RUNNER T24



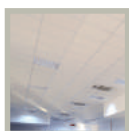
P. 16

EASY T24 | T15



P. 18

EASY LINE



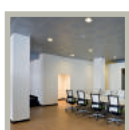
P. 22

B43



P. 24

B35



P. 30

TECHNICAL FOCUS

FIND YOUR SOLUTION

SUITABLE FOR EVERY ENVIRONMENT

Conceived to meet the requirements of any environment, Atena Steel Strong T grids assure compliance with all normative requirements in force, as well as excellent technical and functional performance, combined with easy installation system.

All Atena false ceiling systems have been conceived to guarantee easy and quick installation steps, assuring the compatibility with the most common systems of hangers.

Systems have mechanical coupling modes to install and align elements in an easy and quickly way and allow dismounting when necessary.

Installation step have been studied in details to guarantee fast and precise installation in compliance with squareness and flatness requirements.

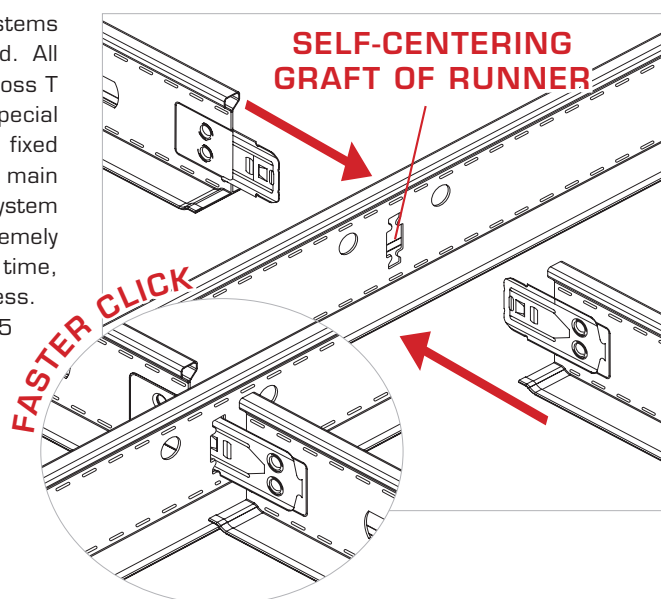
Combined with a wide range of false ceiling solutions Atena EASY, EASY ANTISISMICO, EASY LINE, FOX and B43 with their functional and smart design are widely employed to realize false ceilings in offices, hospitals, schools, shops, swimming pools, sports centers and hotels.

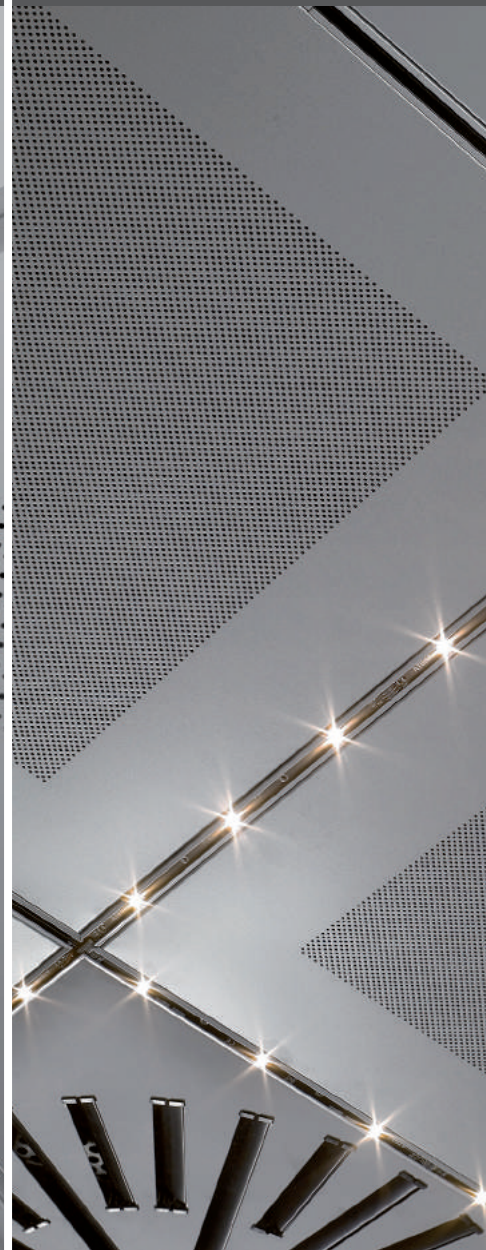
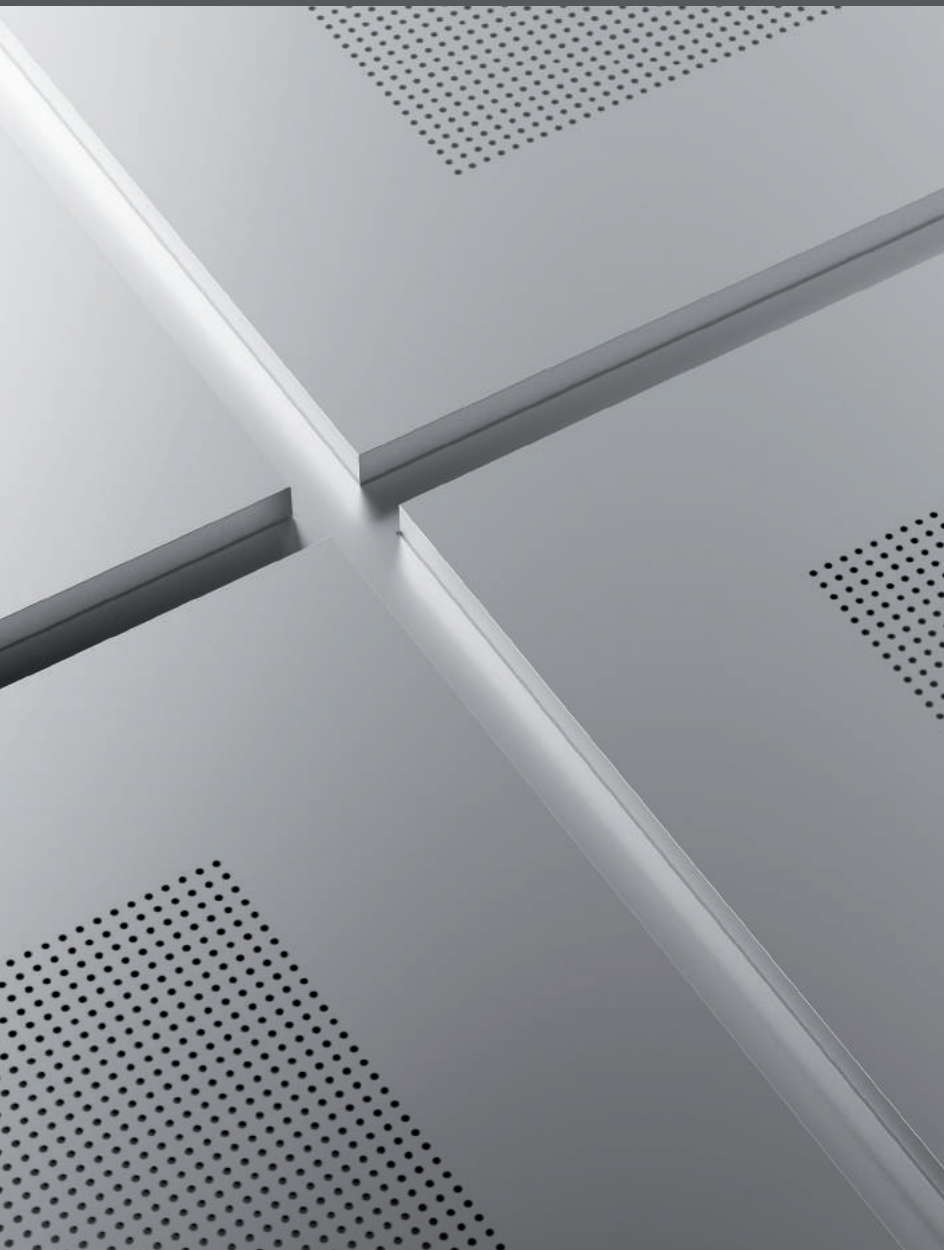


SELF-CENTERING GRAFT

All Atena Steel Strong systems have a quick hooking reed. All Easy, Easy Line, Runner cross T are manufactured with special stainless steel hook to be fixed into the punches of the main profiles. This type of system is easy to install but extremely secure and, in the mean time, holds a high tensile stress.

The cross T B43 and B35 profiles have their hooks directly printed on the structure, building up a unique piece to improve the stability and fully absorb all external strains.





EASY

HIGH PERFORMANCE T-GRID REED



RUNNER

RUNNER / EASY / EASY LINE

High performance stainless steel reed Atena hooking systems have been conceived to allow the unhooking of the intersection with a simple but firm finger pressure on the reed. A plus to release profiles without damaging them and making T grid available for a new use.

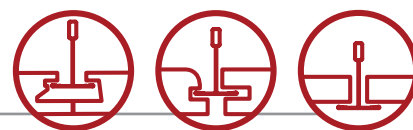
ATENA STEEL STRONG RANGE

Atena Steel Strong structures available in different size and modules achieve installers with their functionality, quality of finishing and high performance.

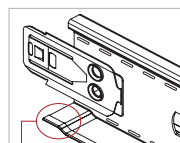
A wide range of T-grid structure to meet all installation requirements.

G* = Hooking reed

P* = Maximum load Kg/m² (Page 33)

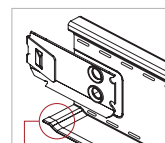


Atena T-grid Runner, Easy, B43 and B35 have three different ends.



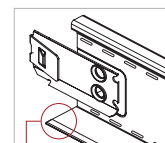
OVERLAP PLUS

- RUNNER
- B43



OVERLAP

- EASY
- B35



BUTT-END

- EASY



**RUNNER T24
OVERLAP PLUS**

White | Silver | Black

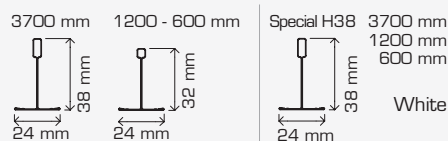
G* . EASY | P* 12 Kg



EASY T24 OVERLAP

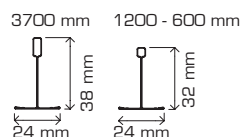
White | Silver | Black

G* . EASY | P* 12 Kg



EASY T24 BUTT-END
FOR BANDRASTER
White

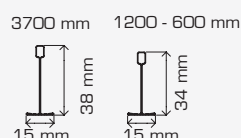
G* . EASY | P* 12 Kg



EASY T15 OVERLAP

White | Silver | Black

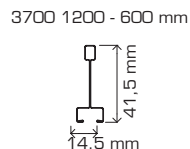
G* . EASY | P* 8 Kg



EASY LINE

White/White Silver/Black
White/Black Silver/Silver

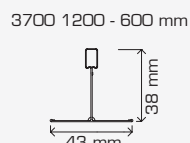
G* . EASY | P* 14 Kg



B43 OVERLAP PLUS

White | Galvanised

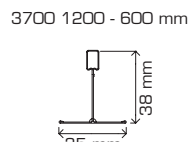
G* . B43
P* 25 Kg



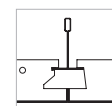
B35 OVERLAP

White

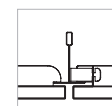
G* . B35
P* 15 Kg



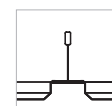
ATENA METAL MODULAR



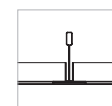
ENIGMA
TRIM



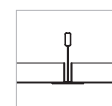
ENIGMA
ESCAPE



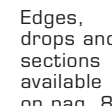
24 LINEAR
TEGRAL



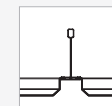
FLAT 24



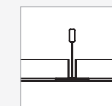
PLAN



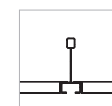
Edges,
drops and
sections
available
on pag. 8.



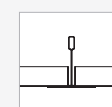
15 LINEAR
DESIGN



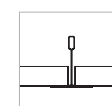
FLAT 15



15 LINEAR
DESIGN

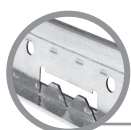
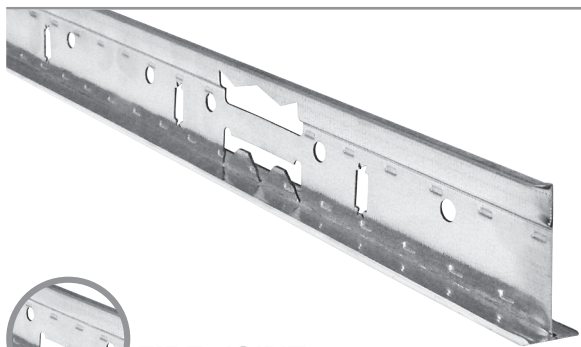


PLAN



PLAN

T GRID STABILITY TECHNICAL PLUS



FIRE JOINT

All Atena main T profiles have an expansion joint conceived to properly absorb the structure stretching due to thermal expansions, materials residual stress, as well as kinetic energy caused by any external pressure or seismic shocks. Products are tested and certified according to EN 13501-1 and 2 and meet passive fire protection requirements.



DOUBLE STITCHING

In order to give better stability and higher torsion resistance all profiles are equipped with the special ATENA DOUBLE STITCHING performed along all profiles up to the coupling point.



HIGH PERFORMANCE T-GRID



ANTIBACTERIAL



CORROSION RESISTANCE

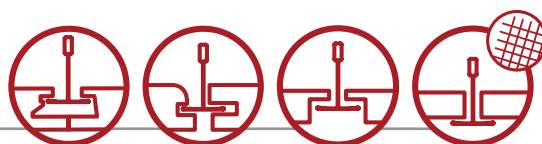
C and D Class according ISO 12944-2

Made with special high-performance anticorrosion material, Atena HP T-grid is the perfect solution to realize false ceilings resistant to moisture and corrosion, ideal for sanitary rooms, kitchens, swimming pools, saunas and spas. According to the anticorrosion level required, Atena offers specific treatments to avoid any galvanic currents.

ORIGINAL CEILINGS OVER YOUR HEAD


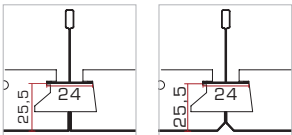
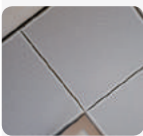
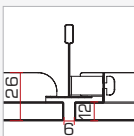

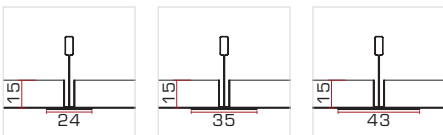

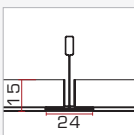

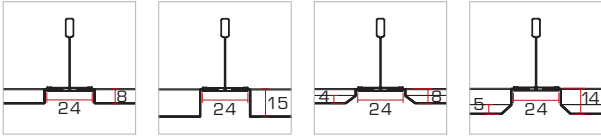
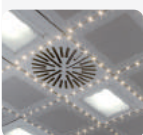
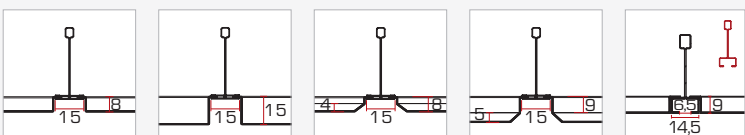


WHICH TILE OR OPEN CELL?



ATENA STEEL STRONG T grid can be used to create metal false ceilings, employing open cells tiles or metal panels. Choose among the wide range ATENA METAL MODULAR, OPEN CELL and EXPANDED METAL tiles to create false ceiling with hidden, semi-concealed or visible structure.



TILES	ENIGMA TRIM  600X600	HIDDEN T24 
	ENIGMA ESCAPE  600X600	SEMI-CONCEALED T24 
	PLAN  600X600	VISIBLE T24 - T35 - T43 
	FLAT  600X600	VISIBLE T24 - T43 
	24 LINEAR TEGULAR  600X600 300X1200 300X1500	VISIBLE T24 
	15 LINEAR DESIGN  600X600 300X1200 300X1500	VISIBLE T15 - EASY LINE 

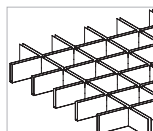


OPEN CELL

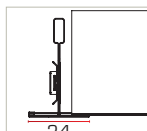
H40 | H50



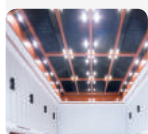
600X600



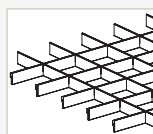
T24



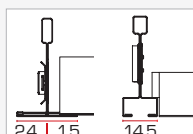
BASE 4 H18 - H30



600X600



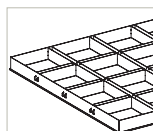
T24|15 - EASY LINE



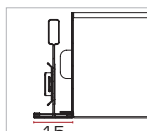
BASE 15



600X600



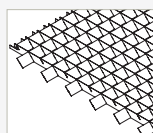
T15



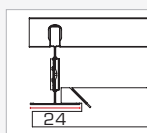
MONOLAMA



600X600

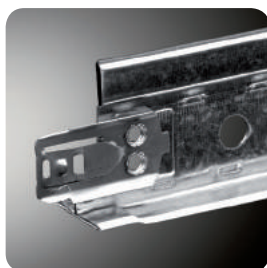


T24





T24 RUNNER OVERLAP



Atena Runner is very strong structure, with its special overlap plus end, this T-grid....The reed has been properly conceive to assure a firm coupling and a quickly self-centering in profile holes. Runner is available in 3000 and 1800 mm special lengths, in white, silver and black colors with antibacterial and anticorrosive treatments.

COVERING COLOUR



SPECIAL TREATMENT

- ANTIBACTERIAL
- ANTICORROSION

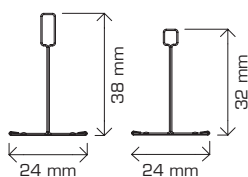


STANDARD MODULE

OVERLAP PLUS

3700 mm
1200 mm

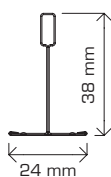
600 mm



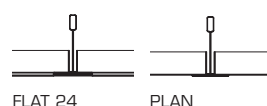
SPECIAL T PROFILE

OVERLAP PLUS

3000 mm
1800 mm

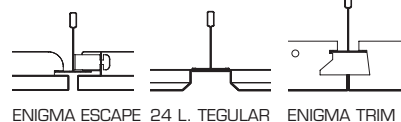


TILES

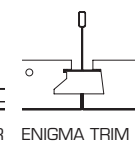


FLAT 24

PLAN



ENIGMA ESCAPE 24 L. TEGULAR



ENIGMA TRIM



For
T GRID

Choose among Atena
open cell system:

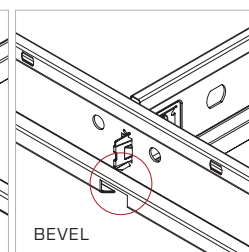
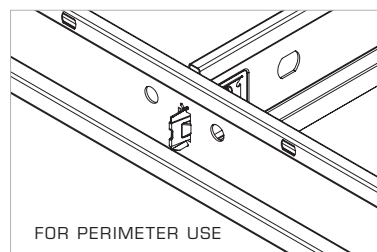
H40 | H50,
BASE 4
MONOLAMA



HIGH PERFORMANCE CROSSING
FOR THE FINEST FINISHING

SPECIAL INSTALLATION AS PERIMETER PROFILE

For a better finishing, to be installed as perimeter profile, Easy Line main T can be manufactured with a bevel on hooking side only.

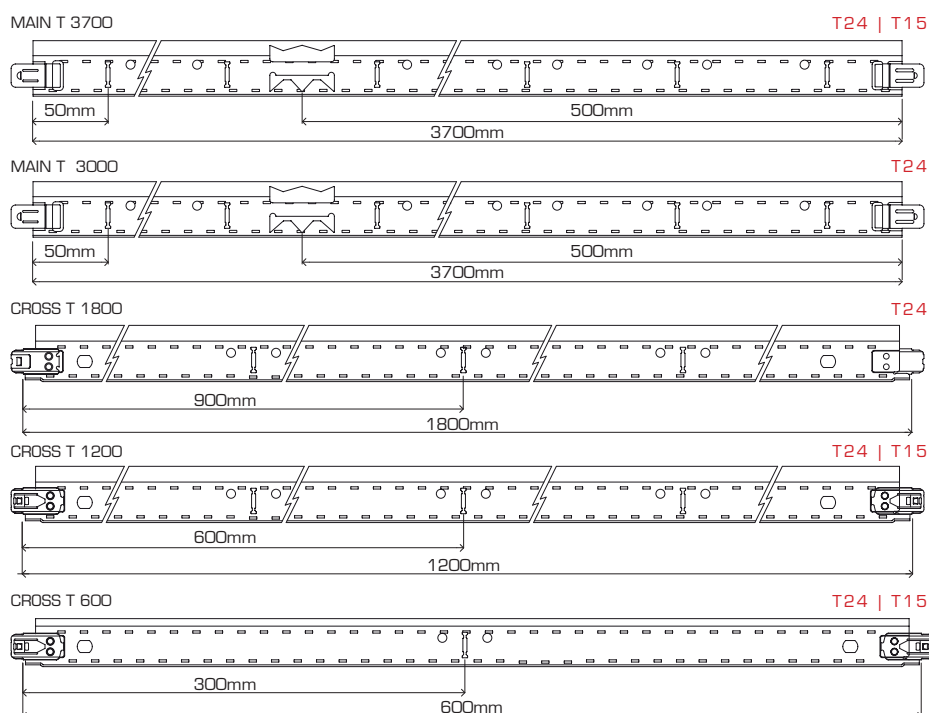




RUNNER PROFILES

Ovid etum quistibea num eatur?

At lab ius iumquam iuntior adis rehenes eturiti corescipidit fugitatusam de vel molendis resto molutem etur? Quis porro imagnis at laborum comnis doluptatur ad erum, utet faceptatur repudi conet velicti ssimoluptus dolupta turepuda sinciendit, comnihilici ommod magni culluptatur, to dolorit, nusam voles suntiam volorum as idis sum iur modis nonseque cus dit estinis simet in



INCIDENCES

MODULE 600X600	
3700	0,85 ml/m ²
1200	1,70 ml/m ²
600	0,85 ml/m ²

MODULE 1200X600	
3700	0,85 ml/m ²
1200	1,70 ml/m ²
600	-

DIMENSIONS

CODE	LENGHT	B x h	PIECES/ BOX	Kg/ BOX	BOX/ PALLET	Kg PALLETT
RP124370BTRTN	3700 mm	24 x 38	14	18,7 kg	36	673 kg
RP124300BTRTN	3000 mm	24 x 38	14	15,3 kg	36	551 kg
RP124180BTRTN	1800 mm	24 x 38	40	25 kg	70	1748 kg
RP124120BTRTN	1200 mm	24 x 32	40	16,8 kg	70	1176 kg
RP124060BTRTN	600 mm	24 x 32	40	8 kg	120	954 kg

* The grey part of the code changes according to the chosen product's features.



T24 EASY



Available with two different ends overlap and butt-end, in white, silver and black colors with antibacterial and anticorrosive treatments Atena EASY T24 is the main Atena T-grid. During the endurance tests, the patented stainless steel reed Atena Easy, has obtained excellent values: 180 N of resistance to tensile stress.

COVERING COLOUR



SPECIAL TREATMENT

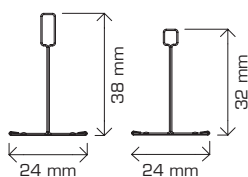
- ANTIBACTERIAL
- ANTICORROSION



STANDARD MODULE

OVERLAP

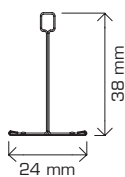
3700 mm 1200 - 600 mm



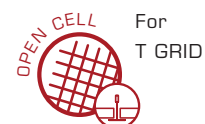
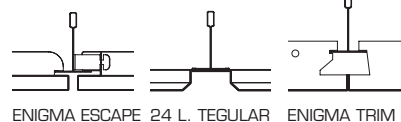
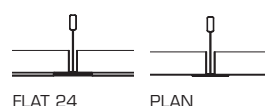
SPECIAL T PROFILE

OVERLAP

1200 - 600 mm



TILES



Choose among Atena open cell system:

H40 | H50,
BASE 4
MONOLAMA

T15 EASY

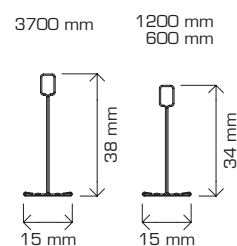
COVERING COLOUR



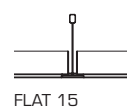
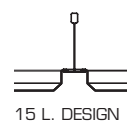
Atena Easy T15 with its essential design, available in white, silver and black colors is one of the most appealing t-grid system

STANDARD MODULE

OVERLAP



TILES



OPEN CELL
For T GRID

Choose among Atena open cell system:

BASE 15
BASE 4



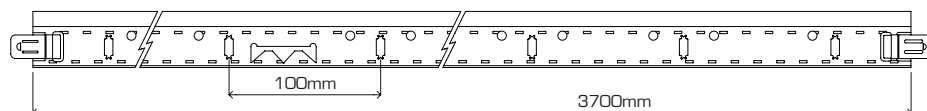
REI CERTIFICATION

REI 120 Certification has been released for module Easy Base 24 3700 H38 - 1200/600 H32 coupled both with 75 mm and 15 mm thickness rockwool tiles, and 15 mm thickness mineral fiber panels.

REI 120 Certification has been released for module Easy Base 15 coupled with 15 mm thickness rockwool tiles.

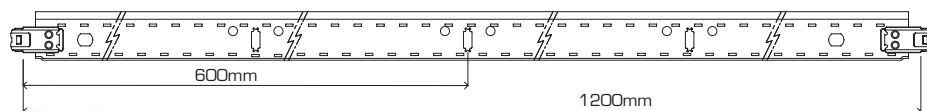
MAIN CARRIER PROFILE 3700

T24 | T15



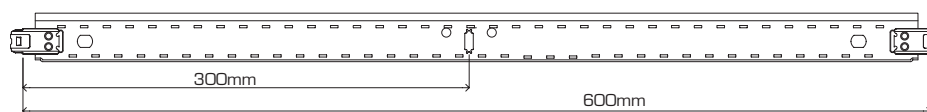
CROSS T 1200

T24 | T15



CROSS T 600

T24 | T15



INCIDENCES

MODULE 600X600	
3700	0,85 ml/m ²
1200	1,70 ml/m ²
600	0,85 ml/m ²

MODULE 1200X600	
3700	0,85 ml/m ²
1200	1,70 ml/m ²
600	-

DIMENSIONS

CODE	LENGHT	B x h	PIECES/ BOX	Kg/ BOX	BOX/ PALLET	Kg PALLET
RY124370BRTAR	3700 mm	24 x 38	24	30 kg	36	1080 kg
RZ124120BTRRH	1200 mm	24 x 38	50	18 kg	60	1080 kg
RZ124160BTRRH	600 mm	24 x 38	50	8 kg	96	768 kg
RY124120BRTAR	1200 mm	24 x 32	50	16 kg	60	960 kg
RY124060BRTAR	600 mm	24 x 32	75	12 kg	96	1152 kg
RY115370BRTAR	3700 mm	15 x 38	24	25 kg	36	900 kg
RY115120BRTAR	1200 mm	15 x 34	80	28 kg	60	1680 kg
RY115060BRTAR	600 mm	15 x 34	80	14 kg	120	1680 kg

* The grey part of the code changes according to the chosen product's features.



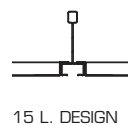
EASY LINE



MODULES

3600 mm	3375 mm	
1200 mm	1350 mm	
600 mm	675 mm	
3660 mm	3750 mm	
1200 mm	1250 mm	
610 mm	625 mm	

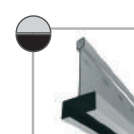
TILES



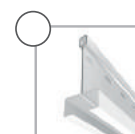
COVERING COLOUR



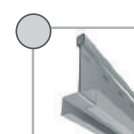
White / Black



Silver / Black



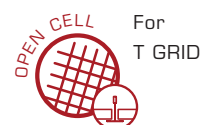
White



Silver

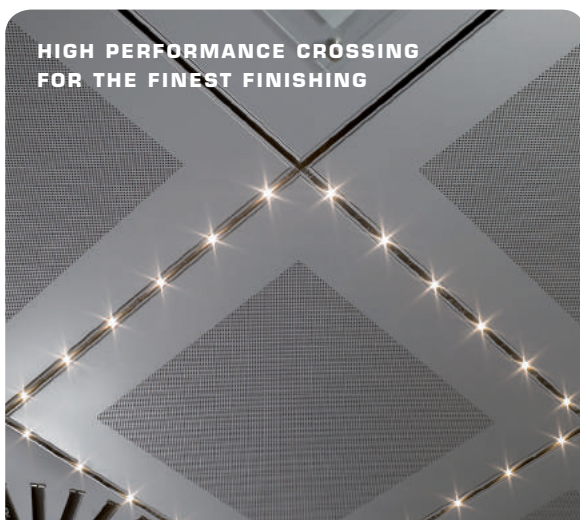
Atena EASY LINE, with the patented Atena Easy stainless steel reed, mixes together the quality and functionality of Easy T-grid with the aesthetical detail of a colored shutter.

This system has been conceived to create special optical effects, given by the contrast between colors and shadows. Suitable for open cell and tiles with 9 mm drop and right edges Easy Line is the finest Atena T-grid system.



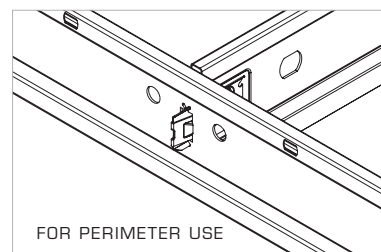
Easy Line can be installed with Atena BASE 4.

HIGH PERFORMANCE CROSSING FOR THE FINEST FINISHING

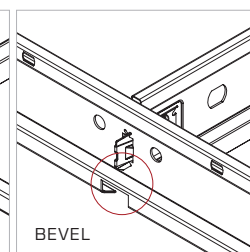


SPECIAL INSTALLATION AS PERIMETER PROFILE

For a better finishing, to be installed as perimeter profile, Easy Line main T can be manufactured with a bevel on hooking side only.



FOR PERIMETER USE



BEVEL

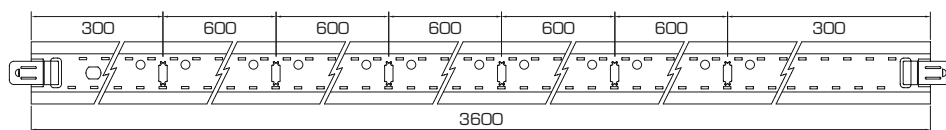


REI CERTIFICATION

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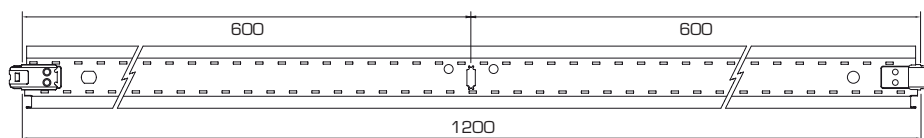
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MAIN CARRIER PROFILE 3600

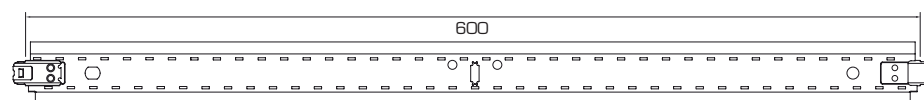


CROSS T 1200

Profile without punches and bevels for 1200x600 mm module.



CROSS T 600



INCIDENCES

MODULE 600X600	
3600	0,85 ml/m ²
1200	1,70 ml/m ²
600	0,85 ml/m ²

MODULE 1200X600	
3600	0,85 ml/m ²
1200	1,70 ml/m ²
600	-

EASY LINE MODULES

CODE	LENGHT	B x h	PIECES/ BOX	Kg BOX	BOX/ PALLET	Kg PALLET
STANDARD 600 x 600						
RL115360BBIAN	3600 mm	14,5 x 41,5	20	26 kg	36	936 kg
RL115120BBIAN	1200 mm	14,5 x 41,5	40	17 kg	56	952 kg
RL115060BBIAN	600 mm	14,5 x 41,5	40	9 kg	96	864 kg
OTHER MODULES						
Module IMPERIAL 610 x 610		Module DIN 625 x 625		Module FRANCESE 675 x 675		
RL115366BBIAN	3657,6 mm	RL115375BBIAN	3750 mm	RL115337BBIAN	3375 mm	
RL115122BBIAN	1219,2 mm	RL115125BBIAN	1250 mm	RL115135BBIAN	1350 mm	
RL115610BBIAN	609,6 mm	RL115625BBIAN	625 mm	RL115675BBIAN	675 mm	

* The grey part of the code changes according to the chosen product's features.



B43



COVERING COLOUR

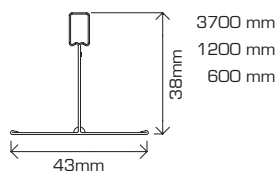


H40 | H50
BASE 4
MONOLAMA

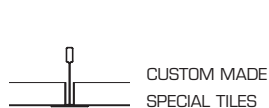


STANDARD MODULE

OVERLAP



TILES



PLAN

SPECIAL TREATMENT

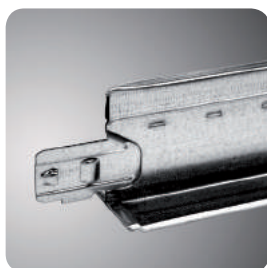
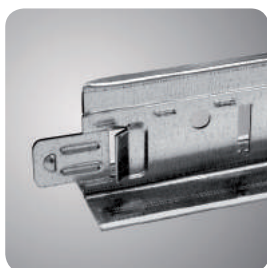
- ANTIBACTERIAL
- ANTICORROSION



INNOVATIVE SOLUTION FOR INTERIOR BUILDING

Atena STEEL STRONG B43, the revolutionary structure conceived to install a perfect plasterboard false ceiling in a very short time.

B35



COVERING COLOUR

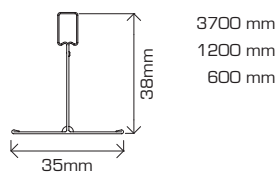


H40 | H50
BASE 4
MONOLAMA



STANDARD MODULE

OVERLAP



TILES

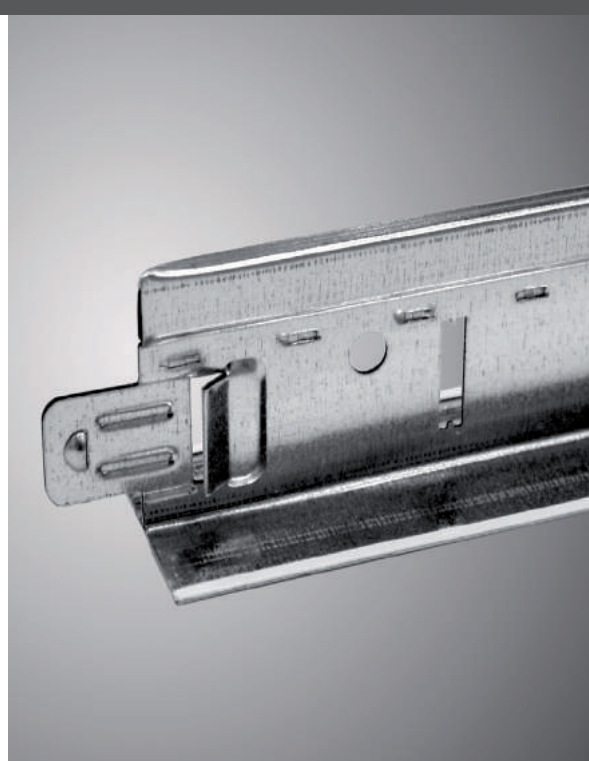


PLAN

SPECIAL TREATMENT

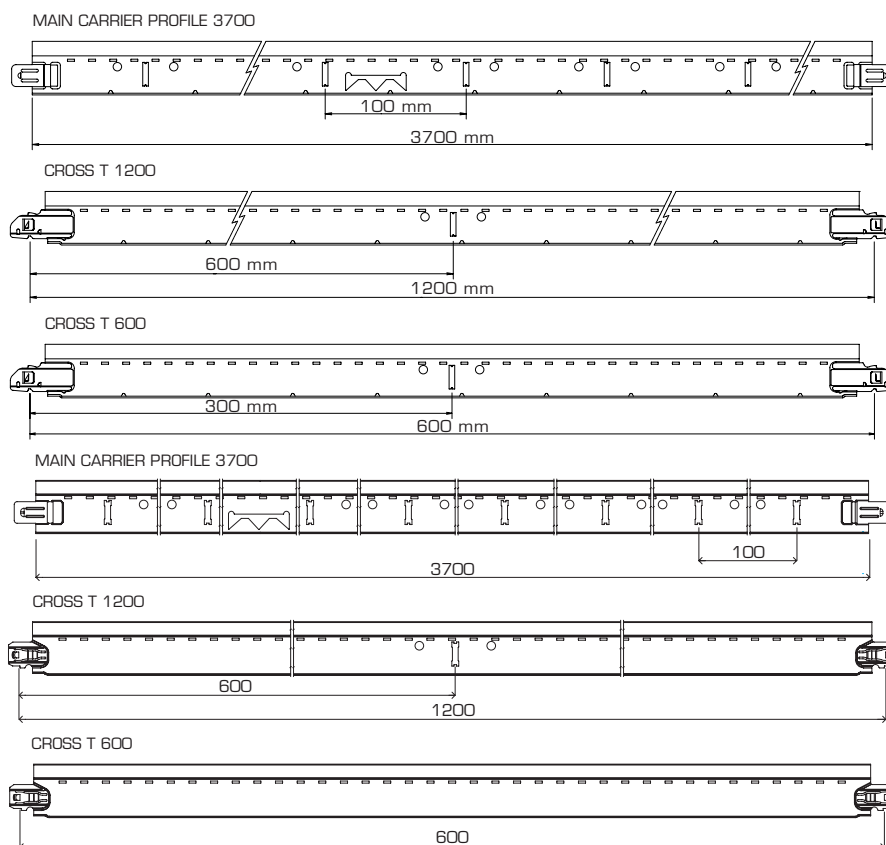
- ANTIBACTERIAL
- ANTICORROSION





REI CERTIFICATION

EI 60 and EI 120 fire resistance certification has been released for B43 T structure coupled with plasterboard panel 25 and 45 mm thick, and mineral wool 50 Kg /m³.



INCIDENCES

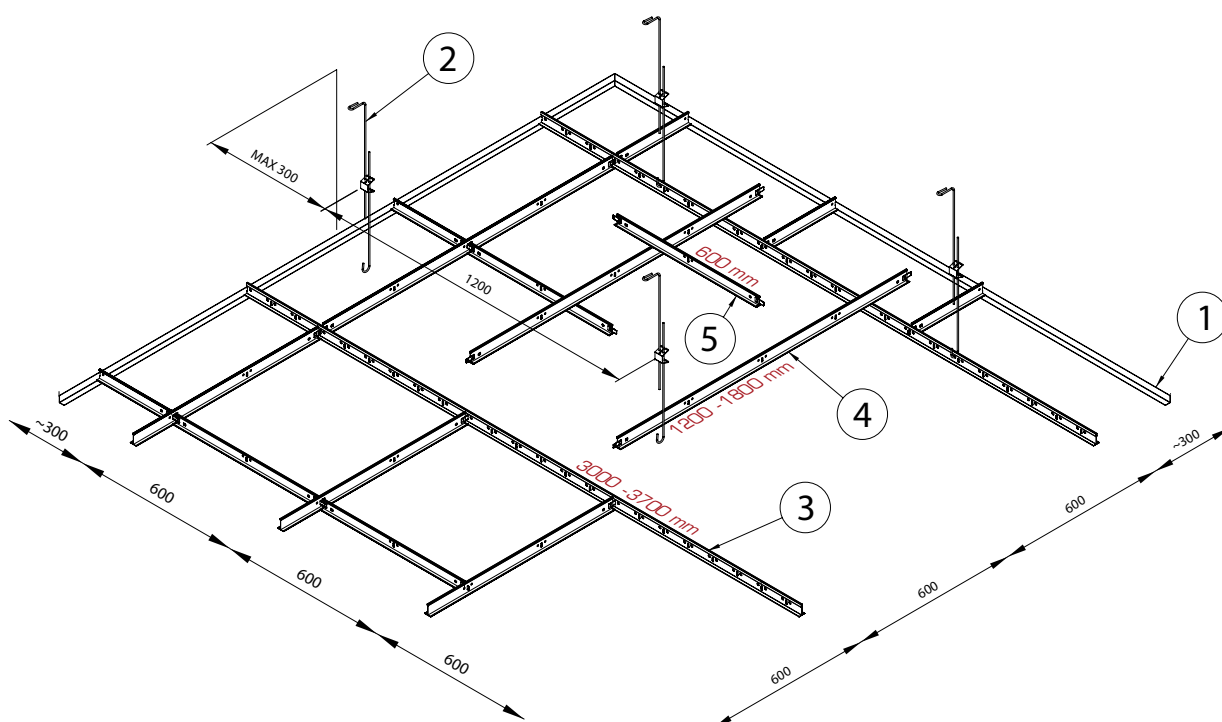
MODULE 600X600	
3700	0,85 ml/m ²
1200	1,70 ml/m ²
600	0,85 ml/m ²

MODULE 1200X600	
3700	0,85 ml/m ²
1200	1,70 ml/m ²
600	-

DIMENSIONS

CODE	LENGHT	B x h	PIECES/ BOX	Kg/ BOX	BOX/ PALLET	Kg PALLETT
RA143370ZINAU	3700 mm	43 x 38	12	20 kg	36	720 kg
RA143120ZINAU	1200 mm	43 x 38	28	15 kg	60	900 kg
RA143060ZINAU	600 mm	43 x 38	42	11 kg	96	1056 kg
RA135370BRTAT	3700 mm	35 x 38	16	25 kg	36	900 kg
RA135120BRTAR	1200 mm	35 x 38	32	16 kg	60	960 kg
RA135060BRTAR	600 mm	35 x 38	32	8 kg	120	768 kg

* The grey part of the code changes according to the chosen product's features.



INSTALLATION STEPS

DRAW THE LINES OF THE PERIMETER FRAME.

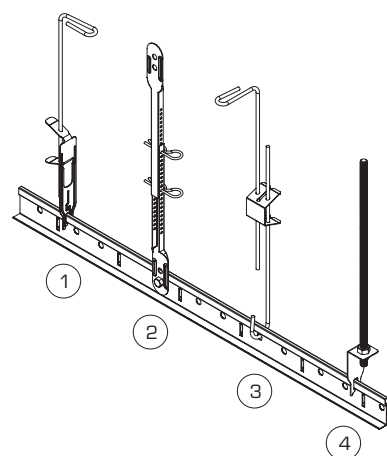
DETERMINE THE HEIGHT OF THE CEILING WITH A LEVEL AND MARK IT WITH A STRING.

PROCEED WITH THE INSTALLATION OF STRUCTURE:

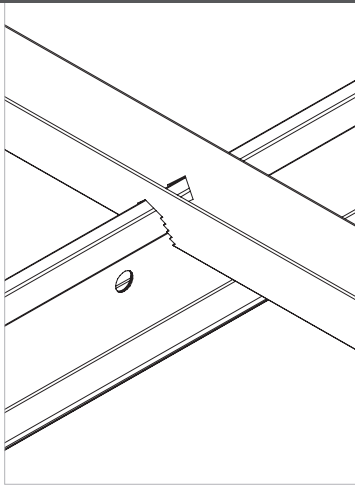
1. Install the wall angles with nails, screws and / or plugs suitable to the wall material.
2. Fix the hangers according to the type of ceiling to be installed.
3. Install the main runners with an interaxe of 1200* mm.
4. Proceed with the installation of 1200mm cross T profiles in to the main carrier.
5. Install 600 mm Cross T in to 1200mm Cross T profiles.
6. Lay tiles on T structure.

*Verify the interaxe according to the load at m² and particular conditions.

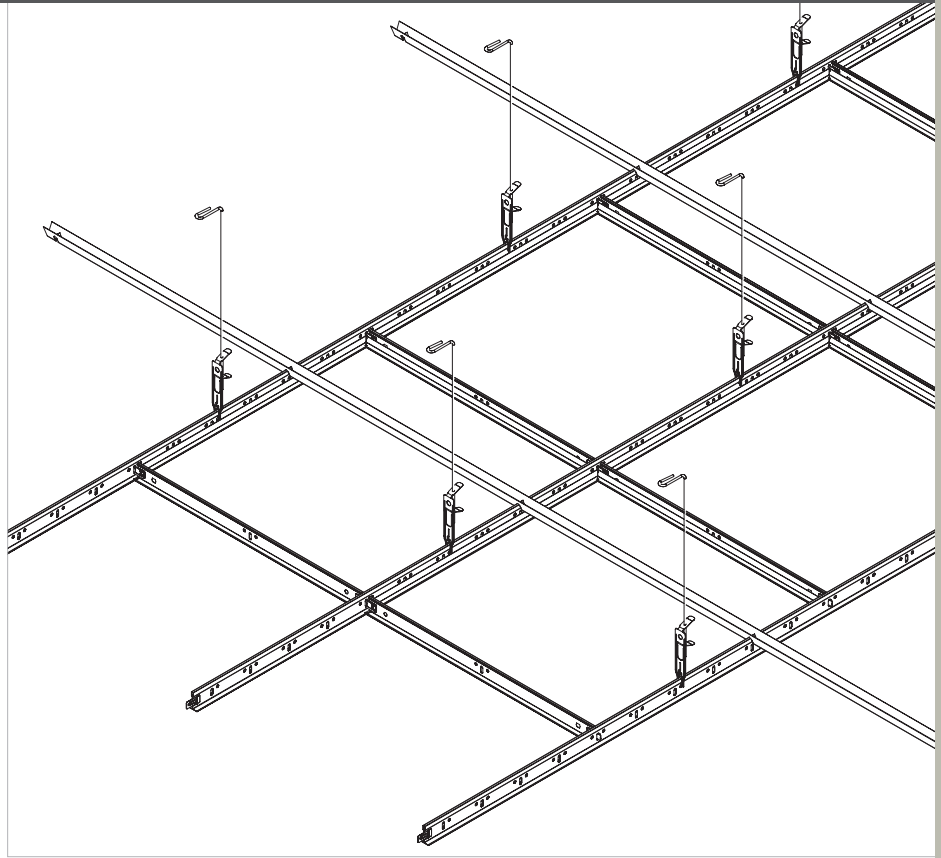
HANGERS



- | | |
|------------|--------------------------------|
| 1) Twister | 3) Standard hanger with spring |
| 2) Nonius | 4) 90 ° hanger |

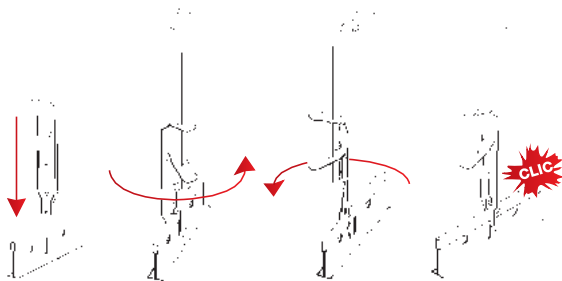


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TWISTER

TWISTER: A QUICKER AND
STRONGER WAY TO HANG T GRID



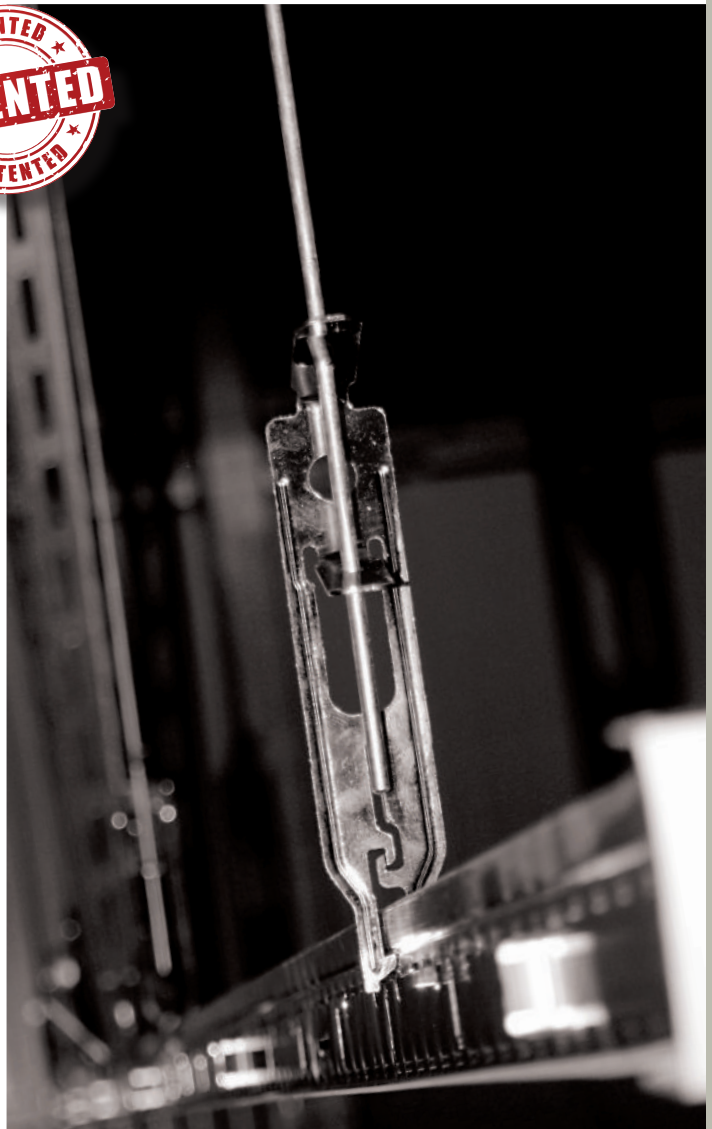
**FOR ALL ATENA
STEEL STRONG
T VISIBLE STRUCTURE**



Suitable for
Antiseismic Atena Kit

Among the hangers, TWISTER, with its adjustable spring, patented by Atena S.p.A., is one of the best solutions to install T structures. Thanks to its shape Twister can be coupled to profiles through the simple pressure of a finger.

Made up of 10/10 hardened steel, Twister is a very strong and safe hook. Subjected to the strength test of a 617N force, TWISTER resisted to stretching or breaking stress up to more than 60 Kg. In seismic area maximum bearing capacity 45 Kg.



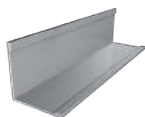


PERIMETER PROFILES FOR ATENA STEEL STRONG T GRID

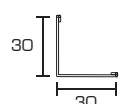


Atena has a wide range of perimeter profiles, normally supplied with the same tiles material and finishing. Atena perimeter profiles for false ceiling have been certified according to European Law UNI EN 13964:2007, after being subjected to static load tests at Istituto Giordano S.p.A.

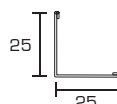
"L" PROFILE



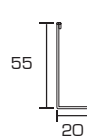
30x30 L=3050mm



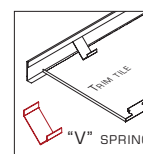
25X25 L=3050mm



55x20 L=3000mm

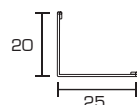


FOR TRIM TILE

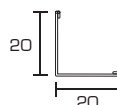


ATENA SUGGESTS THE USE OF A 'V' SPRING BETWEEN "L" PROFILE AND TRIM TILES.

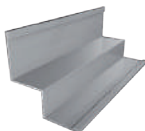
20X25 L=3050mm



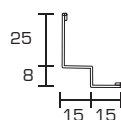
20X20 L=3050mm



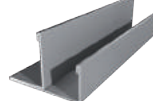
"DOUBLE L" PROFILE



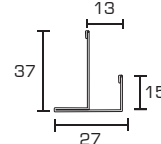
25X8X15X15 L=3050 mm



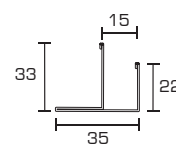
"F" PROFILE



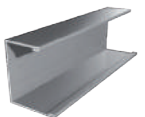
13 "F" L=3000mm



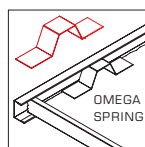
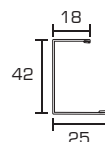
15 "F" L=4000mm



"C" PROFILE



"C" 18x42x25 L=4000mm



THE USE OF AN 'OMEGA SPRING' BETWEEN 18x42x25 "C" PROFILE AND THE TILES ASSURES A FIRM SETTING UP OF THE SYSTEM. FOR VISIBLE STRUCTURE.



CERTIFICATIONS



CERTIFICATIONS:

FLEXIBILITY RESISTANCE	Maximum span mm 1200 1 Class according EN 13964
DURABILITY OF POST-PAINTED ITEMS	C Class according EN 13964
DURABILITY OF GALVANIZED ITEMS	B Class according EN 13964
RELEASE OF DANGEROUS SUBSTANCES	No one according EN 13964
FIRE REACTION	Euroclasse A1 according UNI EN 13501-2
FIRE RESISTANCE	Read the box on pag 36
CORROSION RESISTANCE	Classe C / D according ISO 12944-2
ANTIBACTERIAL TREATMENT	Tests on samples of coated product according to ISO 22196. Microbial population reduction > 95% after 24 h.

**CERTIFIED
SOLUTIONS
FOR ANY KIND OF
FALSE CEILING**





CERTIFICATIONS



All Atena false ceilings are for interior applications and comply with technical standards for construction NTC 2008 and UNI EN 13964 requirements.

According to Construction Products Regulation 305/2011, Atena's products are supplied with their telematics Declaration of Performance.

MATERIALS



For the production of its structure Atena S.p.A. uses hot-galvanized steel in compliance with EN 10142; when other steel are used, materials are conforming to standards EN 10152, EN 10169-1, EN 10214, EN 10215, whose tolerance and thickness are checked according to the requirements of EN 10143 and EN 10346.

ECO-FRIENDLY



All Atena recyclable products can contribute to gain scores, in order to obtain LEED certification.

LOAD BEARING CAPACITY AND FLEXION



Load bearing capacity is a structural factor and refers to the maximum load per square meter admitted, while the flatness, as aesthetic requirement, refers to structure stability in its camber, flatness and squareness features. Relating to this criteria, all Atena Steel Strong structure are tested and certified according EN 13964 by CSI S.p.A. Milan and Cert. T2I Treviso; tests were carried using modules of 600x600 with hangers placed at a distance of 1200x900 mm. Atena T grids have different load bearing capacity (P*) to consider in a false ceiling design. It should be noted that lighting and other accessories must be independently fixed to the concrete and must never be laid on structure directly.

Concerning the class of flexion, instead, the entire range is in Class 1. This means that the permissible bending must not exceed the value expressed by the ratio between L, taken as the distance in mm between the components of the suspension, and the coefficient 500 established in the standard 13964. In addition to this classification Atena S.p.A. has carried out further bending tests in order to determine the limit of profiles' deformation based on the ratio between "L" and 4 different coefficients: 300 | 360 | 400 | 500.

DURABILITY



Atena galvanized steel products are included in Exposure Class B (i.e. buildings frequently exposed to an environment where the relative humidity is up to 90% and temperature goes up to 30°, without corrosive polluted agents).

Coated steel grids are, instead, in Class C (i.e. exposure to an environment with an higher than 90% humidity level and with condensation risk).

The stainless steel and aluminum elements as well as with special anticorrosion treatment come into Class D (Critical Conditions).

FIRE RESISTANCE



The fire resistance is the ability of a constructive element to maintain Load bearing capacity (R), integrity (E) and thermal insulation (I) for a determined period.

The schedule below reports ATENA REI/EI certifications released according Uni En 13501-1-2.

FIRE REACTION



Material reaction to fire refers to the "fire contribution degree that is the response of a product in contributing by its own decomposition to a fire to which it is exposed." All Atena false ceilings comply with EUROCLASSE standard for building materials. All structures and smooth or perforated metal membranes with acoustic fabric plus, are fireproofed and classified A1. The use of different acoustic pads can influence fire reaction class. Certifications and documents can be required to Atena technical office.

DANGEROUS SUBSTANCES



Atena ceilings do not release dangerous substances. Painting and sublimation are made with eco friendly substances without Volatile Organic Compounds (VOC/VOC).

DEALER FOR SWEADEN

Nordic Ceiling Sigtuna AB

Box 131, SE-193 23 Sigtuna, Sweden

Besöksadress: Stora Gatan 9

Tel: +46(0)8 592 500 16

+46(0)8 592 505 80

Fax: +46(0)8 592 505 97

Walter Schollin

Mobil: +46(0)70 525 05 80

Moskva Tel. +79857733536

e-mail walter@ncs-se.se



Atena S.p.A.

Via A. De Gasperi, 52 - 30020 Gruaro (VE) Italia

Tel: +39 0421 75526 - Fax: +39 0421 75692

atena-it.com - info@atena-it.com