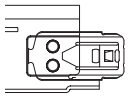
Data Sheet
STEEL STRONG RUNNER T24 OVERLAP PLUS C3 CLASS ANTICORROSION

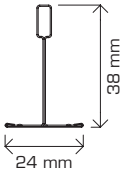
DESCRIPTION

ATENA STEEL STRONG
RUNNER BASE 24
OVERLAP PLUS
WITH RUNNER HOOK

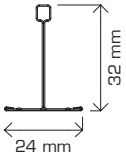


STANDARD MODULE

3700 - 1200 mm

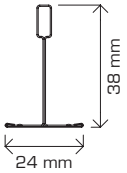


600 mm



SPECIAL MODULE

3000 - 1800 mm



Steel Strong RUNNER OVERLAP PLUS is an innovative T grid structure for false ceilings with a new high performance stainless steel reed.

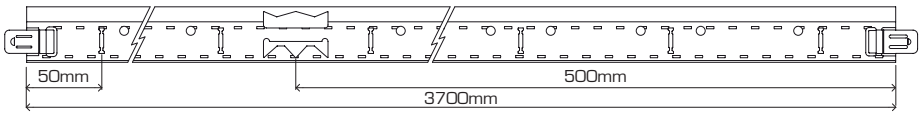
The new RUNNER hooking system has been conceived to assure a firm and quickly self-centering coupling in profiles holes, allowing in the meanwhile a fast unhooking of the intersection with a simple but firm finger pressure on the reed. A plus to release profiles without damaging them and making T grid available for a new use.

The DOUBLE STITCHING performed along all profiles up to the coupling point to give a better stability and higher torsion resistance.

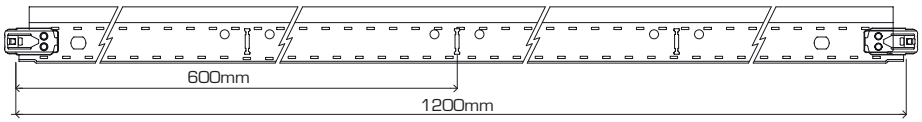
OVERLAP PLUS shape to assure a better support for heavy ceilings and to meet specific installation requirement.

PRODUCT FAMILY :	T24 Visible structure (nominal measure)
HOOK MATERIAL:	RUNNER made up of stainless steel 0,4 mm thick.
STRUCTURE MATERIAL:	MAIN T: galvanised steel DX51D-Z100 0,35 mm thick. CROSS T: galvanised steel DX51D-Z100 0,30 mm thick.
COVERING MATERIAL:	white prepainted steel 0,30 mm thick.
BOTTOM END CONNECTION:	MAIN T: head to head connection with printed hook. CROSS T: Runner stainless steel hook
FINISHING:	High performance anticorrosion total white pre-painting
FEATURES:	High traction resistance Quick hooking system
PACKAGING:	Light brown boxes
CERTIFICATIONS:	
REACTION TO FIRE:	The system complies with EN13964:2014 4.4.2.1 EN 13501 - 1 EUROCLASSE A1
RELEASE OF DANGEROUS SUBSTANCES:	No release of dangerous substances according to European Law EN 13964:2014
FLEXION RESISTANCE:	Maximum span mm 1200 - Class 1
DURABILITY OF GALVANISED ITEMS:	B Class
DURABILITY OF POST-PAINTED ITEMS:	C Class
CORROSION CLASS:	C3 Class
RESISTANCE TO CORROSION:	Corrosion resistance in salt fog according to the rule UNI EN ISO 9227:2012

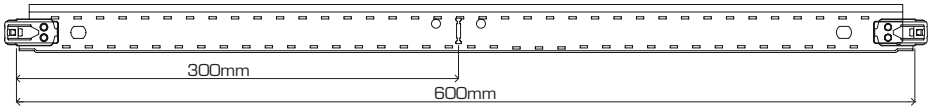
STRUCTURE



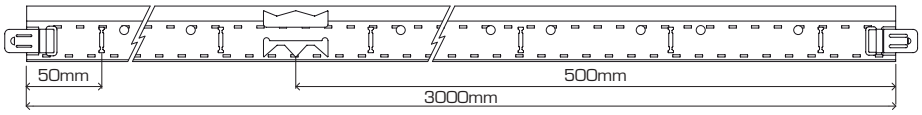
Main T 3700



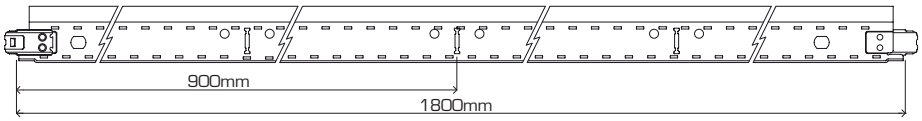
Cross T 1200



Cross T 600

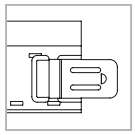


Main T 3000

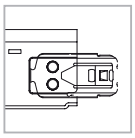


Cross T 1800

HOOK



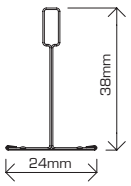
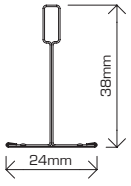
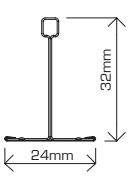
Main T Hook



Runner Hook

DIMENSION

Code	Length B24	Dimension	Pieces per box	Weight / box	Boxes / pallett	Weight / pallet
RP124370BBIRN	3700 mm	24 x 38	14	18,7 kg	36	673 kg
RP124300BBIRN	3000 mm	24 x 38	14	15,3 kg	36	551 kg
RP124180BBIRN	1800 mm	24 x 38	40	25 kg	70	1748 kg
RP124120BBIRN	1200 mm	24 x 32	40	16,8 kg	70	1176 kg
RP124060BBIRN	600 mm	24 x 32	40	8 kg	120	954 kg

SECTION			
	38mm 24mm	38mm 24mm	32mm 24mm
Length B24	3700 mm	1200 mm	600 mm
Incidence 600x600	0,85 ml/m²	1,70 ml/m²	0,85 ml/m²
Incidence 600x1200	0,85 ml/m²	1,70 ml/m²	/

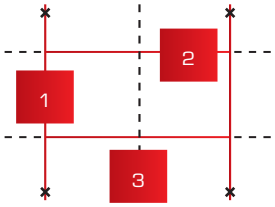
All dimensions are nominal and expressed in millimeters.
All technical specification data and information can be changed without advise.
For more information contact the sales departmente - phone + 39 0421 75526 *commerciale@atena-it.com*

BEARING CAPACITY

Maximum load = 12 Kg/m² | Maximum deflection = L /360
Lab Test Cert TV

For different inflections see the following table:

MAXIMUM DEFLECTION	L/300	L/360	L/400	L/500
MULTIPLIER	1,2	1	0.9	0,72



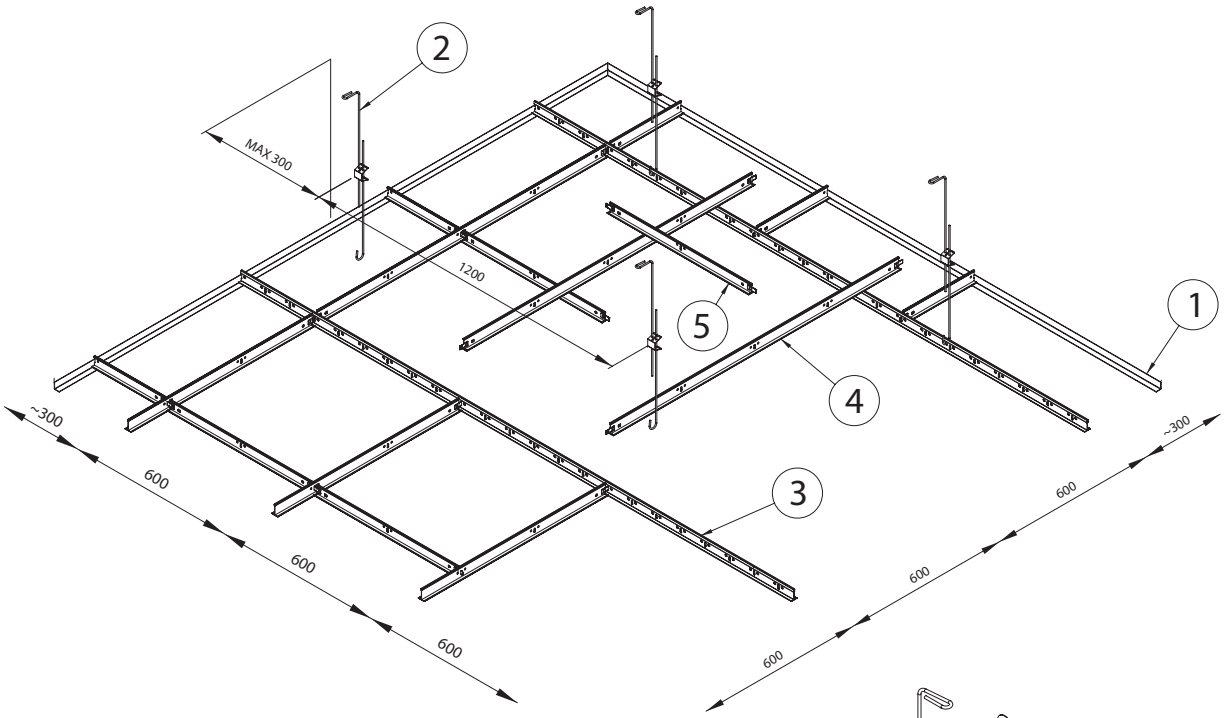
(1) 3700 Main T profile | (2) 1200 Cross T C | (3) 600 Cross T

LAYING INSTRUCTIONS

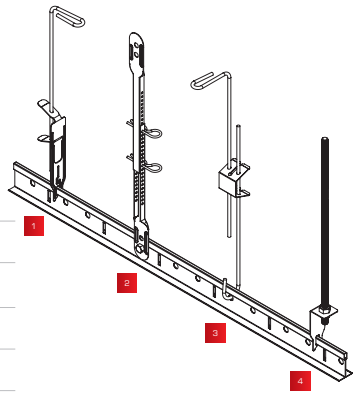
- Draw the lines of the perimeter frame.
- Determine the height of the ceiling with a level and mark it with a string.
- Proceed with the installation of the structure:

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 1200 mm Cross T profiles into the main carrier.
5. Install 600 mm Cross T into 1200 mm Cross T profiles.

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



HANGERS



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

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STORAGE MODE

In order to guarantee to customers the realization of a perfect false ceiling, materials supplied by Atena S.p.A. shall be maintained in good conditions from purhcase to installation.

They must be stored in a closed, clean and dry site.

Atena S.p.A. protects its products with resistant packaging under normal handling.

Please handle packages with care to avoid shocks and inappropriate handling that might damage what is provided.

T profiles are packaged in brown cardboard boxes with stripe and delivered on pallets secured with cellophane.

The manual handling must be carried out with caution and in compliance with safety regulations at work.

For carriage of packaged products on pallets, provide a mechanical transport to avoid damages or risks resulting from inadequate transport.

CLEANING, MAINTENANCE AND REMOVAL

Cleaning and maintenance require some attention and care even though are easy to make and don't take much time. It is necessary to use neutral and not aggressive soaps. In case of any damage, profiles can be replaced.

False ceilings maintenance usually refers to:

placing, alignment or replacement of damaged or broken profiles. Profiles can be also removed for restoration or maintenence of the system below.

The maintenance work shall be appointed to:specialised workers trained with technical data sheets about setting, removal and maintenance of the false ceilings, in order to ensure excellent results.

The tiles shall be taken off simply by pushing them upwards from the T grids and turning them to one side for an easy removal.

Using inadequate tools can damage the structure, causing adherence loss or even accidental panel or profile fall. All the maintenance intervention must follow the technical data sheet indication and every noted diversity has to be promptly reported.

Each worker assigned with maintenance operation must carefully remove the tile, perform the intervention and do not alter the false ceiling structure, the hanging system and the connection between these elements.

When the maintenance is over, install again the panels, verifying that the tiles are properly laid on the T profile and the planarity is guaranteed. Any difference in tiles level is caused by wrong installation and, for this reason, they must be quickly controlled.

LAWS REFERENCE AND WARRANTY

The false ceilings are produced in compliance with NTC 2108 technical standards for buildings and specific norm UNI EN 13964, 14195.

Each Atena S.p.A. product has its own DOP (Declaration Of Performance) CE according to the European Law 305/2011.

False ceilings and claddings for internal and external use have to be dimensioned on environment features, to list some of the possible examples: earthquakes, wind, thermal expansion, place of installation, use destination of the building and project requests.

Indipendently by information, suggestions, advices and technical opinions exchanged between the parts, Atena S.p.A. will produce its products only according to the orders received and the technical drawings/projects attached, having no responsibility on what is not indicated in the order, in the technical drawings or in the project.

Atena S.p.A., as producer, is responsible for manufacturing defects. Complaints have to be presented according to the selling conditions or sales warranty. Materials used for Atena false ceilings have been produced just with this purpose, every other use is considered improper.

 Changes to the illustrated products, even if partial, can be carried out only if explicitly authorized by the company Atena S.p.A. All data provided and illustrated are indicative and the Company Atena S.p.A. reserves the right to make changes at any time according the business needs and the production processes. The information contained in this following sheet are to be considered updated at the date of writing changes in performance of the product occurred after that date may affect the accuracy of the data sheet: it is compulsory for users to make sure to have the latest version of this sheet.