



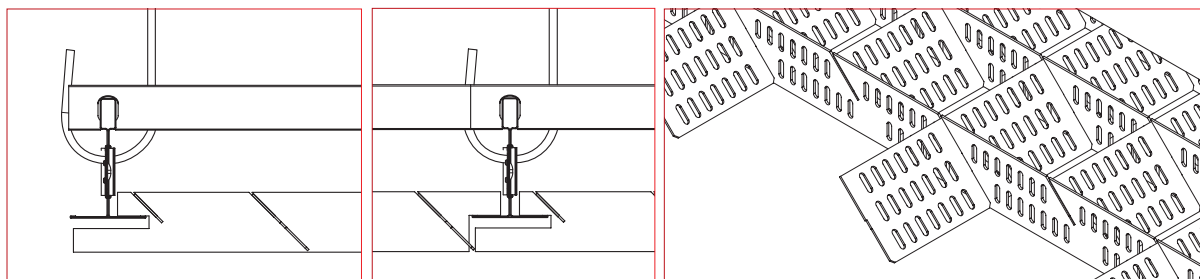
Data Sheet

MONOLAMA OPEN CELL

DESCRIPTION

Monolama Open Cell is made up of 600x600 and 600x1200mm aluminum tiles, installed on T-shaped 3700 mm main profiles, with T24 600 mm spacers. The structure will be almost hidden.

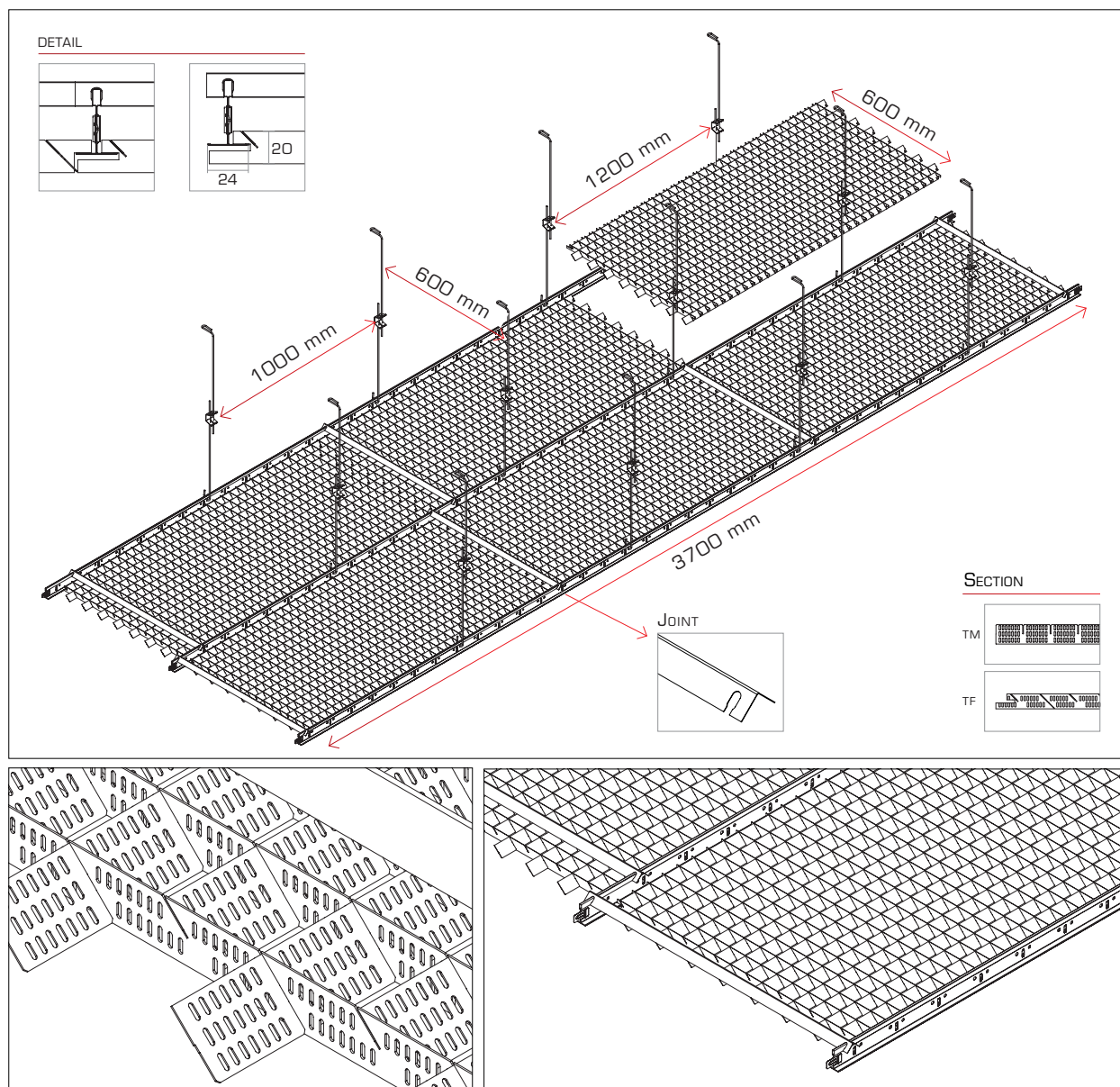
SECTIONS



TECHNICAL DETAILS:

DIMENSIONS	SLOTTED OPEN CELL: T24 MAIN PROFILE: SPACER:	600x600 600x1200 mm 3700 mm 600 mm
MESHES	35x35 h 20 mm	
OPEN AREA	50,96 %	
MATERIALS	6/10 pre-painted aluminum	
COLOURS AND FINISHING	White or silver pre-painted aluminim Mirror finishing (AISI) on request Post-painting of all RAL color on request	
PERIMETER PROFILES	"L" - "C" - "Double L" profiles, with the same open cell material	
HANGERS	Twister Nonius Standard with spring 90° hanger	
CERTIFICATIONS:		
FLEXION RESISTANCE	Maximum span mm 1200 - 1 Class	
DURABILITY OF PRE-PAINTED ITEMS	C Class	
RELEASE OF DANGEROUS SUBSTANCES	No release of any dangerous substance according to the European law EN 13964:2014	
FIRE REACTION	A1 Class according to EN 13501-1.	

AXONOMETRY



MODEL	MESHES	ELEMENT QUANTITY PER MODULE 1200x600 mm		PROFILE T24 - 3700 mm	SPACER 595 mm	LM/SGM*	MATERIAL WEIGHT
		TM 1200 mm	TF 600 mm	LM/SGM	LM/SGM		
MONOLAMA	35x35	16	34	1,7	0,85	25,03	1,4

* VALUES DESCRIBE THE INCIDENCES OF TM AND TF - THE WEIGHT REFERS TO SQM.

PACKAGING

MODEL	ASSEMBLED TILES		NOT ASSEMBLED TILES				PROFILE T24 3700 mm		T24 SPACER 595 mm
	A	B	TM		TF		A	B	LOOSE BUNDLES
MONOLAMA	11	10	500	24	800	12	24	36	

A PIECES PER BOX

B BOXES PER PALLET

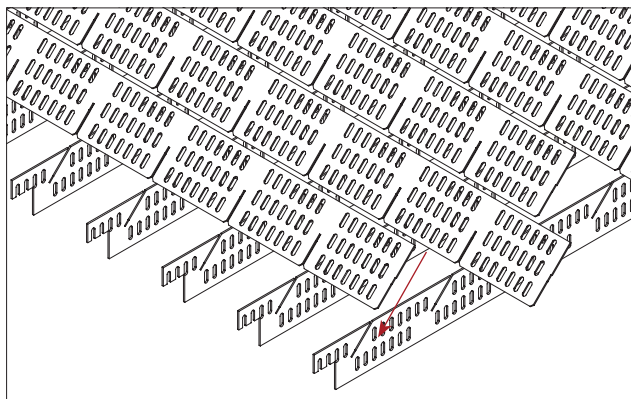
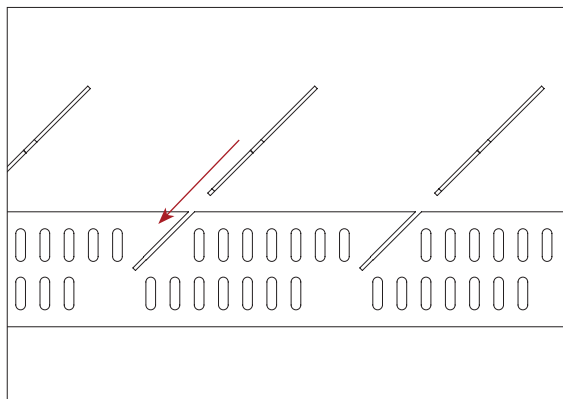
All dimensions are nominal and expressed in millimeters.

All technical specification data and information can be changed without advise.

For further information please contact sales department: tel. + 39 0421 75526 commerciale@atena-it.com

MONOLAMA TILES ASSEMBLY

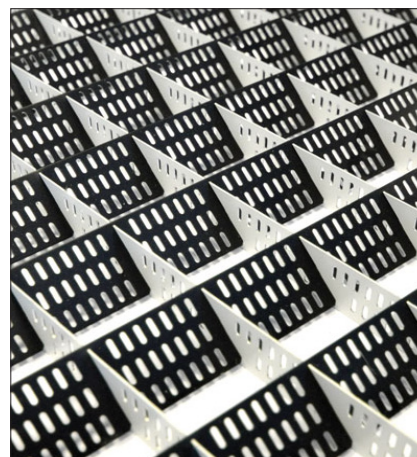
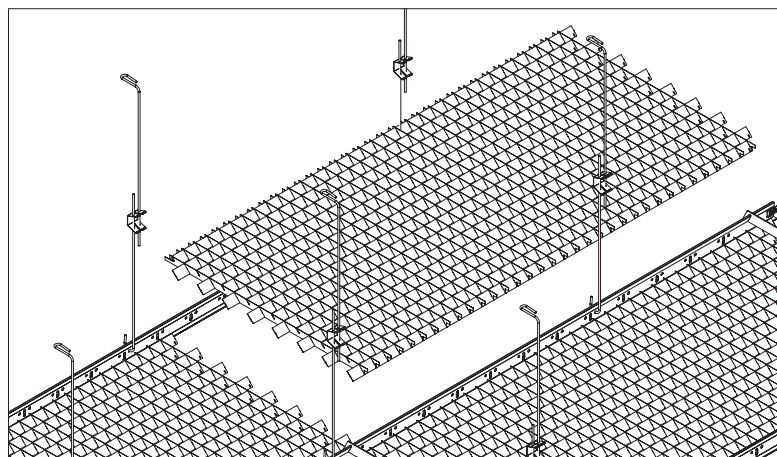
- Before starting the installation of the false ceiling, prepare MONOLAMA tiles using the provided TM and TF elements creating the 35 x35 mm mesh. (If the tiles are not provided already assembled)



LAYING INSTRUCTIONS

- Proceed with the structure installation:
 1. Draw the line of the perimeter frame.
 2. Determine the height of the false ceiling with a level and mark it with a string.
 3. Install the perimeter frame with nails, screws and / or plugs suitable to the wall material.
 4. Fix the hangers according to the ceiling to be installed.
 5. Fix the main profiles (3700mm) to the hangers.
 6. Proceed installing the 600 mm spacers at an interaxe of 1200mm*.
 7. Complete by laying the tiles on the structure.

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



SPECIFICA DI CAPITOLATO

False ceiling made of 0,6 mm pre-painted aluminum.

The 600x600 and 600x1200 mm tiles are made of TM and TF elements, crossing each other to obtain a squared 35x35 mm mesh, h 20 mm.

These tiles will be installed on a bearing structure made of 3700 mm main profiles and 600 mm spacers, with T-section and 24 mm base. The structure will be semi-concealed.

The bearing structure will be hanged to the concrete with proper hangers, made of galvanized steel, 4 mm diameter, adjustable with a specific spring.

The perimeter profiles will be provided with the same material and finishing of the false ceiling. To allow the use of lighting elements, they will be integrated to the false ceiling with proper boxed-shape accessories.

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 purchase 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. Tiles 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, tiles can be repainted or replaced.

False ceilings maintenance usually refers to: placing, alignment or replacement of damaged or broken tiles. Panels can be also removed for restoration or maintenance 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.

Using inadequate tools can damage the structure, causing adherence loss or even accidental panel 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

Each Atena false ceiling is produced for internal use according to the technical rules for construction NTC 2008, and the specific regulations UNI EN 13964, 14195:2005.

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.

Independently 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. Materials used for Atena false ceilings have been produced just with this purpose, every other use is considered improper.