

# LAY-IN

## METAL SUSPENDED CEILING TILES

Regular Ceiling tiles that lay into a modular exposed ceiling grid T15mm and T24mm.

They are produced of aluminum or steel in a wide range of colors. Available plain or perforated are suitable for any application.

### Advantages of LAY-IN ceiling tiles:

- Easily assembled
- Offer sound absorption
- Humidity resistance
- Allow access to any point of the ceiling
- Easily cleaned
- Great range of colors

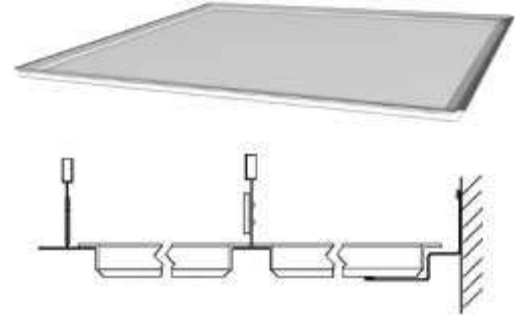


## LAY-IN SUSPENSION SYSTEM

The exposed tee of IMS, is produced in 24mm (code 80150) and 15mm (code 90150) and consists of:

- Main Runner 24x38 and 15x38mm, length 3750mm,
- Cross Tee 24x38 and 15x38mm, length 1200mm,
- Cross Tee 24x38 and 15x38mm, length 600mm,
- Wall Angle 24x24mm, length 3050mm.

The above runners and tees combined together, produce supporting frames 600X600mm.



## ALUMINUM LAY-IN TILES TECHNICAL SPECIFICATIONS

Metal tiles, with dimensions 600x600 mm, fabricated of aluminum sheet of 0.5 mm - 0.6 mm thickness, alloy according to specifications AAA3004, not thermally hardened, of 99-99.8% purity and bearing H26 (24~27 Kp/mm<sup>2</sup>).

It is cold formed in hydraulic press, which modulates edges of 13mm height, suitable for the inversed "T" type exposed. After installation tiles present a shadow line of 15 or 24mm.

The perimeter lower visible edge of the tiles is beveled (at 45°) in breadth 6mm. The painting of the tiles is done through stove painting, with method ROAL-COIL-COATING, whereas the backside of the tile has protecting painting. The packaging is done in carton packs of external dimensions 605x605x140mm, of 16 pieces or 5,76m<sup>2</sup>.

## ALUMINUM PERFORATED LAY-IN TILES TECHNICAL SPECIFICATIONS

Aluminum perforated tiles, have the same properties with the plain ones, with additional perforation of their surface for acoustics, hole  $\Phi$ 2.0mm, in triangular disposition 3.5x3.5x3.5mm, 21% open area.

The painting is done through stove painting or with powder coating (electrostatic), after perforation, utilizing non toxic substances (without T.G.I.C.), with 60-80 $\mu$ m powder thickness, in colors of the RAL chart. There is the provision to install a soundproofing or sound absorptive material over the perforated tiles. The packaging is done in carton packs of external dimensions 605x605x140mm, of 16 pieces or 5,76m<sup>2</sup>.

## STEEL LAY-IN TILES TECHNICAL SPECIFICATIONS

Metal tiles, dimensions 600x600mm, thickness 0.5-0.6mm fabricated of according to specifications: of Steel BS 10130, of Dimension BS 10131, of Paint E.G.C.A.

It is cold formed in hydraulic press, which modulates edges of 13mm height, suitable for the inverted T type exposed system. After installation tiles present a shadow line of 15 or 24mm. The painting of the tiles is done through stove painting, with method ROAL-COIL-COATING, whereas the backside of the tile has protecting painting.

The packaging is done in carton packs of external dimensions 605x605x140mm, of 16 pieces or 5.76 m<sup>2</sup>.

## STEEL PERFORATED LAY-IN TILES TECHNICAL SPECIFICATIONS

Steel perforated tiles, have the same properties with the plain ones, with additional perforation of their surface for acoustics, hole  $\Phi$ 2.0mm, in triangular disposition 3.5x3.5x3.5mm, 21% open area.

The painting is done through stove painting with powder coating (electrostatic), after perforation, utilizing non-toxic substances (without T.G.I.C.), with 60-80 $\mu$ m powder thickness, in colors of the RAL chart. There is the provision to install a sound proofing or sound absorptive material over the perforated strips.

The packaging is done in carton packs of external dimensions 605x605x140mm, of 16 pieces or 5.76m<sup>2</sup>.

## LAY-IN TILES SUSPENSION SYSTEM

The exposed "T" bar of IMS, is produced in 24mm (code 80150) and 15mm (code 90150) and consists of:

- Main Runner 24X38 and 15X38mm, length 3750mm,
- Cross Tee 24X38 and 15X38mm, length 1200mm,
- Cross Tee 24X38 and 15X38mm, length 600mm,
- Wall Angle 24X24mm, length 3050mm.

The above runners and tees combined together, produce supporting frames 600x600mm.

## LAY-IN TILES INSTALLATION INSTRUCTIONS

First, we define the height in which the drop ceiling will be installed, (with the familiar means, such as level-rumpers or laser).

The next step is to install the wall angle 24x24mm, of STAMPA (code 7010), by screwing every 700-1000mm.

From the ceiling with rigid and adjustable quick hangers, we suspend the runners parallel to each other, every 1200mm in such a height that the level of the ceiling will be the same with the lower level of the wall angle. Then the cross tees 1200mm are adjusted vertically to the main runners, in 600mm dimension to each other.

Finally, we adjust the cross tees 600mm, vertically to the 1200mm tees creating this way frames 600X600mm. Starting from the edges, we install the lay-in tiles in 600X600mm frames.

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