



A) Detailed specifications for aluminum Clip in tiles

A1) Unperforated aluminum tiles 600x600mm CLIP-IN

Metal tiles, dimensions 600x600mm (Code: ACT), fabricated according to specifications EN : 13964 /2015.

Base material of aluminum according to EN-573 thickness 0.5mm-0.6mm, alloy 3104, not thermally hardened, purity 99~99.8% and bearing H46 (220~270 N/mm²).

The processing is done in a hydraulic press, which forms 28mm edges. Tile's perimeter visible edge has a 45° finish on a width of 6mm. On its two opposite sides, the tile has 2 recesses for holding it by the guide of the hidden hanging system to snap into the Clip In runner .

Coating process thermosetting polyester paint by rollercoating method according to EN 10169. Cold forming is used to shape metal sheet in hydraulic press.

A2) Perforated aluminum tiles 600x600mm CLIP-IN

Metal tiles, dimensions 600x600mm (Code: ACPA), fabricated according to specifications EN : 13964 /2015

Base material of aluminum according to EN-573 thickness 0.5mm-0.6mm, alloy 3104, not thermally hardened, purity 99~99.8% and bearing H46 (220~270 N/mm²).

Coating process thermosetting polyester paint by rollercoating method according to EN 10169.

Cold forming is used to shape metal sheet in hydraulic press.

At the back of the perforated area , nonwoven can be used to achieve sound absorption.

Nonwoven thick 0,3 + 0.05mm, fireclass B1 according to DIN 4102/part 1 an factor noise reduction "NRC" of more than 0,70 according to EN20354 , ISO354 and DIN52212.



B)Detailed Specifications Steel Ceilings CLIP-IN

B1)Unperforated steel tiles 600x600mm CLIP-IN

Metal tiles, dimensions 600x600mm (Code:SCT), fabricated according to specifications EN : 13964 /2015

Base material of hot dip galvanized steel According to EN 10346- EN 10142-EN 10143 coating mass Z100-z275g/mm². Steel Coil thickness 0,4-0,6mm , steel grade DX51D.

The processing is done in a hydraulic press, which forms 28mm high edges. Tile's perimeter visible edge has a 45° finish on a width of 6mm. On its two opposite sides, the tile has 2 recesses for holding it by the guide of the hidden hanging system to snap into the Clip In runner .

Coating process thermosetting polyester paint by rollercoating method according to EN 10169. Cold forming is used to shape metal sheet in hydraulic press.

B2) Perforated aluminum tiles 600x600mm CLIP-IN

Metal tiles, dimensions 600x600mm (Code: SCPA), fabricated according to specifications EN : 13964 /2015

Base material of hot dip galvanized steel According to EN 10346- EN 10142-EN 10143 coating mass Z100-z275g/mm². Steel Coil thickness 0,4-0,6mm , steel grade DX51D.

Coating process thermosetting polyester paint by rollercoating method according to EN 10169.

Cold forming is used to shape metal sheet in hydraulic press.

At the back of the perforated area nonwoven can be used to achieve sound absorption.

Nonwoven thick 0,3 + 0.05mm, fireclass B1 according to DIN 4102/part 1 an factor noise reduction "NRC" of more than 0,70 according to EN20354 , ISO354 and DIN52212.



C) Guide for SCP CLIP-IN suspension system

- The IMS SCP invisible frame system consists of:
- Main guide of the bearing body (code C-RUNNER), the thickness of the hot-dip galvanized of sheet metal is 0.5 mm, it is formed in a rolling machine and a profile with triangular cross-sections is created with a special slot for fastening the tiles. The runner is 3750mm long.
- Main runner end connector (code C.J.) for longer applications.
- Hanging part of main runner to retain the tiles (C.H code).
- Perimeter angle, "L" shaped section 24x24mm (code 7010), made of steel or aluminum.
- Perimeter angle, "Π" cross-section 40x30x40mm (code VC916), made of aluminum when space tightness is required.
- Rubbers gaskets are installed between the tiles and between the tiles and perimeter when space tightness is required.

