



DETAILED SPECIFICATIONS ALUMINUM LAY-ON TILES BY SCP

A) Aluminum tiles

A1) Unperforated aluminum LAY-ON Tiles 600x600mm

Metal tiles, dimensions 600x600mm (Code: ALONT), 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 15 mm high edges.

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 LAY-ON Tiles 600x600mm

Metal tiles, dimensions 600x600mm (Code: ALONPA), 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) Steel tiles

B1) Unperforated steel LAY-ON Tiles 600x600mm

Metal tiles, dimensions 600x600mm (Code:SLONT), 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 15 mm high edges.

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 steel LAY-O N Tiles 600mm X 600mm

Metal tiles, dimensions 600x600mm (Code: SLONPA), 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) IMS Suspension System

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

- Main Runner 24X38 and 15X38mm , length 3750mm.
- Cross Tee 24 x 30 and 24X38 and 15X38mm, length 1200mm.
- Cross Tee 24 x 30 and 24X38 and 15X38mm, length 1200mm.
- Wall Angle 24X24mm, length 3050mm.
- Quickhangers of galvanized wire with 3mm diameter and length of 250 or 500 or 750 or 1000mm.
- Double spring butterfly type height adjuster made of 0.5mm thick galvanized steel.
- Steel anchor, 8.75mm diameter.
- Perimeter angle, "L" cross-section, , 24x24mm dimensions and 3050mm length, or perimeter angle, "L" cross-section, , 20x20mm and 3050mm length, or perimeter angle, "Z" section, 24x14x8x16mm and 3050mm length.

