

#### **BRIEF SPECIFICATIONS FOR LAY-ON CEILING**

### A) Aluminum tiles

# A1) Unperforated aluminum tiles 600x600mm LAY-ON

Material	Aluminum sheet based on specifications EN-573 and 3104, non – thermosetting, 99 – 99,8% purity and H46 (220 – 270 N/mm2) condition.	
Dimensions	595 x 595mm for module 600x600mm	
Dimensions before shaping	622x622mm	
Thickness	0,5mm	
Shaping	Hydraulic press	
Coating	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
Edge height		15mm
Finishing of perimeter visible edge		Square
Weight		1394gr/m2
Suspension		Exposed substructure square suspended ceiling I.M.S 15 or 24mm

### A2) Perforated aluminum tiles 600x600mm LAY - ON

**Total Perforation** 



Material	Aluminum sheet based on specifications EN-573 and 3104, non – thermosetting, 99 – 99,8% purity and H46 (220 – 270 N/mm2) condition.		
Dimensions	595 x 595mm for m	595 x 595mm for module 600x600mm	
Dimensions before shaping	622x622mm		
Thickness	0,5mm		
Shaping	Hydraulic press		
Coating	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.		
Edge height		15mm	
Finishing of per	imeter visible edge	Square	
Weight		1087gr/m2	
Acoustic paper		$0.3\pm0.05$ mm thick, fire class B1 according DIN 4102/part1, "NRC"0,75 aw = 0.75.	
Hole diameter		1.8mm	
Hole pattern		Rectangular 5,0x5,0 mm	



# A3) Perforated aluminum tiles 600x600mm LAY - ON

**Central Perforation** 

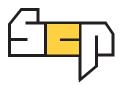


Material	Aluminum sheet based on specifications EN-573 and 3104, non – thermosetting, 99 – 99,8% purity and H46 (220 – 270 N/mm2) condition.	
Dimensions	595 x 595mm for module 600x600mm	
Dimensions before shaping	622x622mm	
Thickness	0,5mm	
Shaping	Hydraulic press	
Coating	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
Edge height		15mm
Finishing of per	imeter visible edge	Square
Weight		1240gr/m2
Acoustic paper		$0.3\pm0.05$ mm thick, fire class B1 according DIN 4102/part1, "NRC"0.75 aw = 0.75.
Hole diameter		1.8mm
Hole pattern		Rectangular 5,0x5,0 mm

### B) Steel tiles

# B1)Unperforated steel tiles 600x600mm LAY -0N

Material	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.	
Dimensions	595 x 595mm for module 600x600mm	
Dimensions before shaping	622x622mm	
Thickness	0,5mm	
Shaping	Hydraulic press	
Coating	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
Edge height		15mm
Finishing of perimeter visible edge		Square
Weight		3978gr/m2
Suspension		Exposed substructure square suspended ceiling I.M.S 15 or 24mm



### B2)Perforated steel tiles 600x600mm LAY - ON

**Total Perforation** 



Material	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.	
Dimensions	595 x 595mm for module 600x600mm	
Dimensions before shaping	622x622mm	
Thickness	0,5mm	
Shaping	Hydraulic press	
Coating	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
Edge height		15mm
Finishing of peri	meter visible edge	Square
Weight		3540gr/m2
Acoustic paper		Coating process thermosetting polyester paint by rollercoating method according to EN 10169.
Hole diameter		1.8mm
Hole pattern		Rectangular 5,0x5,0 mm

### B3)Perforated steel tiles 600x600mm LAY - ON

**Central Perforation** 



Material	Base material of hot dip galvanized steel αccording to EN 10346- EN 10142-EN 10143 coating mass Z100-z275g/mm2. Steel Coil thickness 0,4-0,6mm, steel grade DX51D.	
Dimensions	595 x 595mm for module 600x600mm	
Dimensions before shaping	622x622mm	
Thickness	0,5mm	
Shaping	Hydraulic press	
Coating	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
Edge height		15mm
Finishing of peri	meter visible edge	Square
Weight		3760gr/m2
Acoustic paper		Coating process thermosetting polyester paint by rollercoating method according to EN 10169.
Hole diameter		1.8mm
Hole pattern		Rectangular 5,0x5,0 mm

