



## BRIEF SPECIFICATIONS FOR LAY-ON CEILING

### A) Aluminum tiles

#### A1) Unperforated aluminum tiles 600x600mm LAY-ON

<b>Material</b>	Aluminum sheet based on specifications EN-573 and 3104, non – thermosetting, 99 – 99,8% purity and H46 (220 – 270 N/mm <sup>2</sup> ) condition.	
<b>Dimensions</b>	595 x 595mm for module 600x600mm	
<b>Dimensions before shaping</b>	622x622mm	
<b>Thickness</b>	0,5mm	
<b>Shaping</b>	Hydraulic press	
<b>Coating</b>	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
<b>Edge height</b>	15mm	
<b>Finishing of perimeter visible edge</b>	Square	
<b>Weight</b>	1394gr/m <sup>2</sup>	
<b>Suspension</b>	Exposed substructure square suspended ceiling I.M.S 15 or 24mm	

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

**Total Perforation**



<b>Material</b>	Aluminum sheet based on specifications EN-573 and 3104, non – thermosetting, 99 – 99,8% purity and H46 (220 – 270 N/mm <sup>2</sup> ) condition.	
<b>Dimensions</b>	595 x 595mm for module 600x600mm	
<b>Dimensions before shaping</b>	622x622mm	
<b>Thickness</b>	0,5mm	
<b>Shaping</b>	Hydraulic press	
<b>Coating</b>	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
<b>Edge height</b>	15mm	
<b>Finishing of perimeter visible edge</b>	Square	
<b>Weight</b>	1087gr/m <sup>2</sup>	
<b>Acoustic paper</b>	0,3±0,05mm thick, fire class B1 according DIN 4102/part1, "NRC"0,75 aw = 0.75.	
<b>Hole diameter</b>	1.8mm	
<b>Hole pattern</b>	Rectangular 5,0x5,0 mm	



### A3) Perforated aluminum tiles 600x600mm LAY - ON

Central Perforation



<b>Material</b>	Aluminum sheet based on specifications EN-573 and 3104, non – thermosetting, 99 – 99,8% purity and H46 (220 – 270 N/mm <sup>2</sup> ) condition.	
<b>Dimensions</b>	595 x 595mm for module 600x600mm	
<b>Dimensions before shaping</b>	622x622mm	
<b>Thickness</b>	0,5mm	
<b>Shaping</b>	Hydraulic press	
<b>Coating</b>	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
<b>Edge height</b>	15mm	
<b>Finishing of perimeter visible edge</b>	Square	
<b>Weight</b>	1240gr/m <sup>2</sup>	
<b>Acoustic paper</b>	0,3±0,05mm thick, fire class B1 according DIN 4102/part1, "NRC"0,75 aw = 0.75.	
<b>Hole diameter</b>	1.8mm	
<b>Hole pattern</b>	Rectangular 5,0x5,0 mm	

### B) Steel tiles

#### B1)Unperforated steel tiles 600x600mm LAY –ON

<b>Material</b>	Base material of hot dip galvanized steel According to EN 10346- EN 10142-EN 10143 coating mass Z100-z275g/mm <sup>2</sup> . Steel Coil thickness 0,4-0,6mm , steel grade DX51D.	
<b>Dimensions</b>	595 x 595mm for module 600x600mm	
<b>Dimensions before shaping</b>	622x622mm	
<b>Thickness</b>	0,5mm	
<b>Shaping</b>	Hydraulic press	
<b>Coating</b>	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
<b>Edge height</b>	15mm	
<b>Finishing of perimeter visible edge</b>	Square	
<b>Weight</b>	3978gr/m <sup>2</sup>	
<b>Suspension</b>	Exposed substructure square suspended ceiling I.M.S 15 or 24mm	

**B2) Perforated steel tiles 600x600mm LAY - ON****Total Perforation**

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

**B3) Perforated steel tiles 600x600mm LAY - ON****Central Perforation**

<b>Material</b>	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.	
<b>Dimensions</b>	595 x 595mm for module 600x600mm	
<b>Dimensions before shaping</b>	622x622mm	
<b>Thickness</b>	0,5mm	
<b>Shaping</b>	Hydraulic press	
<b>Coating</b>	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
<b>Edge height</b>	15mm	
<b>Finishing of perimeter visible edge</b>	Square	
<b>Weight</b>	3760gr/m2	
<b>Acoustic paper</b>	Coating process thermosetting polyester paint by rollercoating method according to EN 10169.	
<b>Hole diameter</b>	1.8mm	
<b>Hole pattern</b>	Rectangular 5,0x5,0 mm	

