

ARCHITECTURAL CEILINGS

# BAFFLE FREE FLOW

Baffle Free Flow - T24  
Baffle Free Flow - special profile

METAL BAFFLE

Picture: "Baffle Free Flow" metal ceiling

FREE FLOW T24

Patent N° 102016000122736



SPECIFICHE

ELEMENTS DIMENSION

30 x 64 | 100 | 150 | 200  
 40 x 100 | 140 | 180  
 50 x 100 | 150 | 200

Maximum Baffle lenght 4000 mm  
 Other heights on request

MATERIALS

Aluminum and steel, thickness according to the project and product requirements

STRUCTURE

Easy B24 white | black | silver  
 Easy antisismico B24 white | black | silver  
 RAL/NCS coating  
 Baffle hooking:  
 Spin System | Tilt Spin system

ANTISEISMIC EQUIPMENTS

Atena antisismic kits compulsory for buildings in 3 and 4 Class (NTC 2018 - § 7.2.3)

HANGERS

Twister, Nonius, 90° hanger,  
 Double hanger with spring

BAFFLE COLORS

Atena White | Atena Silver | RAL / NCS coating  
 Wood effects | Sublimation of images and effects

PERFORATION

To choose among Atena perforation range

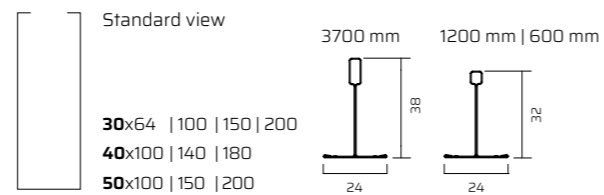
ACCESSORIES

Smooth closing caps on request, Baffle joints, alignment clip

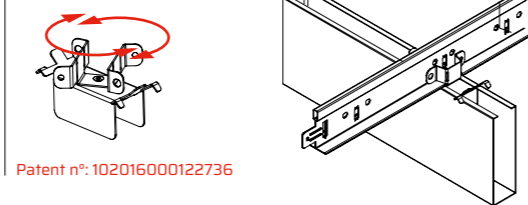
SOUND ABSORBERS

Black acoustic tissue  
 Standard A1s2d0 | Plus A1  
 Black Ecofiber Bs2d0  
 Enveloped mineral fiber B2

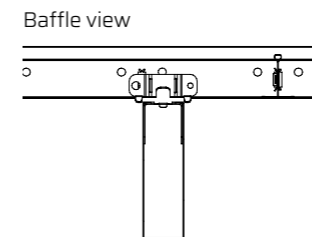
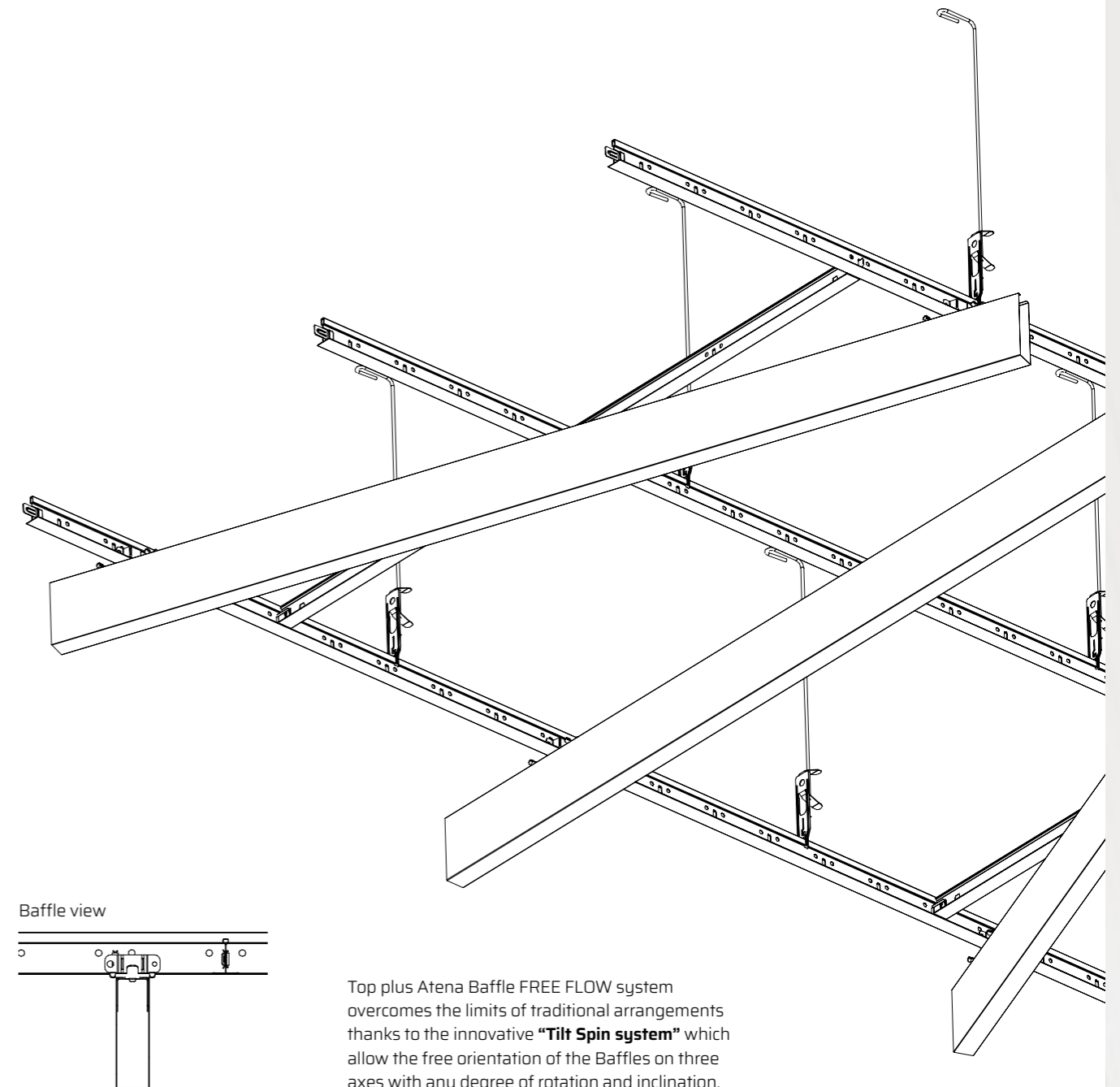
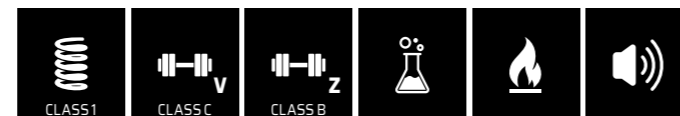
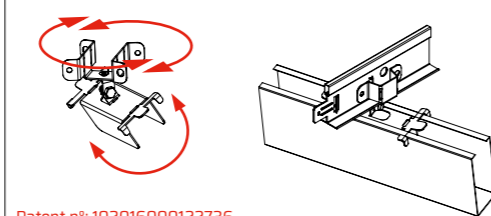
Components



Spin system | Rotation



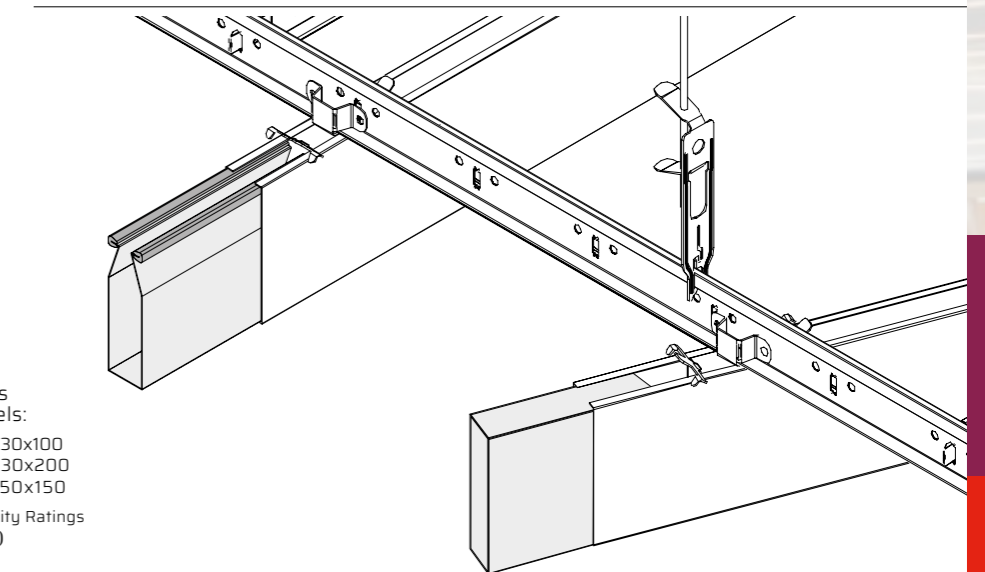
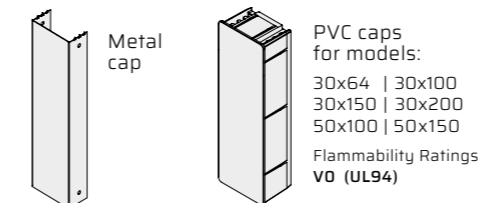
Tilt Spin system | Rotation and inclination



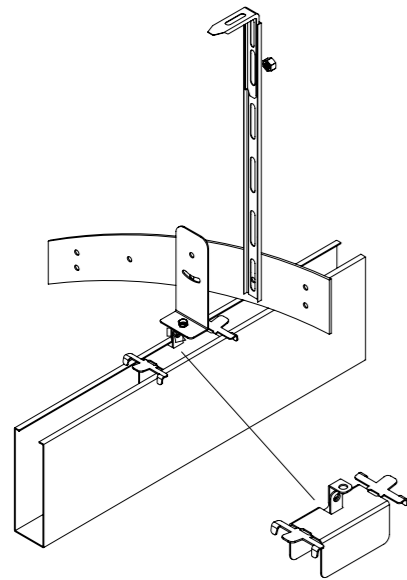
Top plus Atena Baffle FREE FLOW system overcomes the limits of traditional arrangements thanks to the innovative "Tilt Spin system" which allow the free orientation of the Baffles on three axes with any degree of rotation and inclination.

Accessories

As with all systems with standard Baffle sections, metal and PVC caps, standard and pressure joints can also be applied to this model.

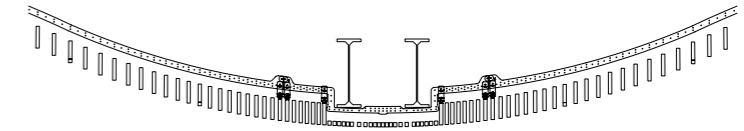


FREE FLOW SPECIAL PROFILE



Plus

The vertical elements are hooked to an innovative bearing structure, made up of a wavy profile, equipped with special anchoring joints, which allow the free orientation of the Baffles on three axes with any degree of rotation and inclination.



FEATURES

**ELEMENTS DIMENSION**

30 x 64 | 100 | 150 | 200 | 300  
 40 x 100 | 140 | 180  
 50 x 100 | 200 | 300

Maximum Baffle length 4000 mm  
 Other heights on request

**MATERIALS**

Aluminum and steel, thickness according to the project and product requirements

**STRUCTURE**

Special custom made shaped profile equipped with brackets for hook-special profile connection and baffle fixing hook

**ANTISEISMIC EQUIPMENTS**

Atena antiseismic kits compulsory for buildings in 3 and 4 Class (NTC 2018 - § 7.2.3)

**HANGERS**

Holed bar with fixing bracket

**BAFFLE COLORS**

Atena White | Atena Silver  
 RAL / NCS coating  
 Wood effects  
 Sublimation of images and effects

**PERFORATION**

To choose among Atena perforation range

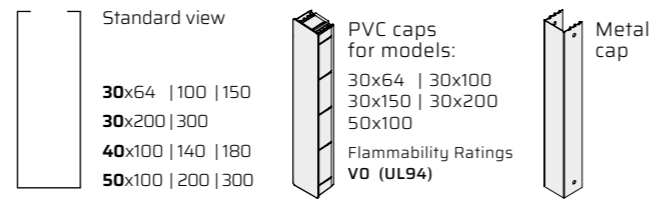
**ACCESSORIES**

Smooth closing caps on request,  
 Baffle joints, alignment clips

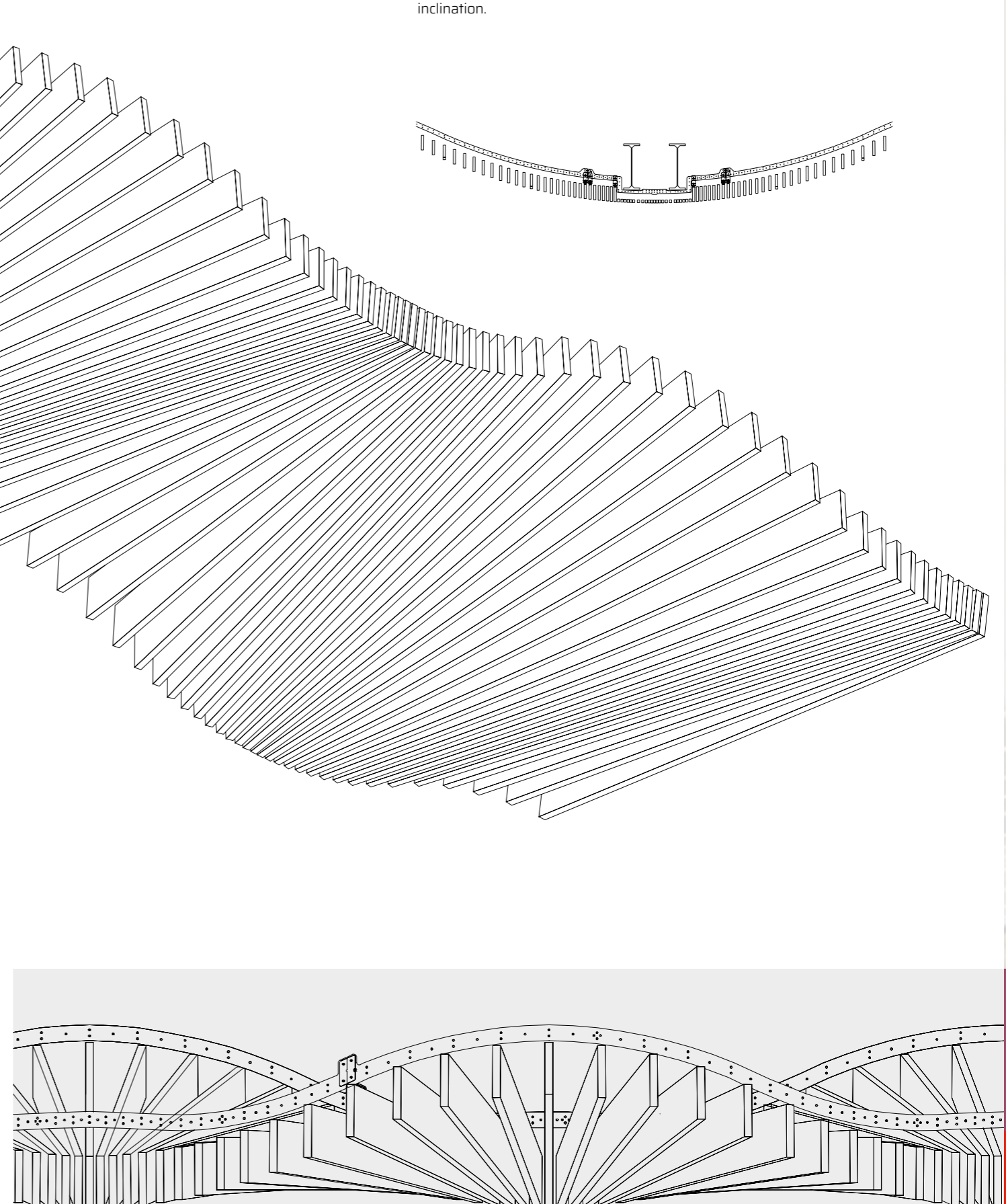
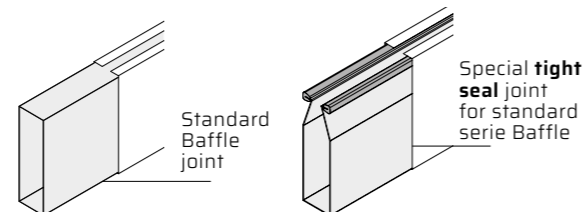
**SOUND ABSORBERS**

Black acoustic tissue  
 Standard A1s2d0 | Plus A1  
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 Enveloped mineral fiber B2

Components



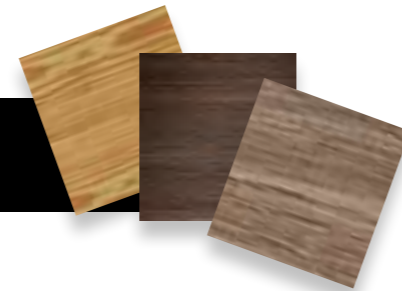
Joints



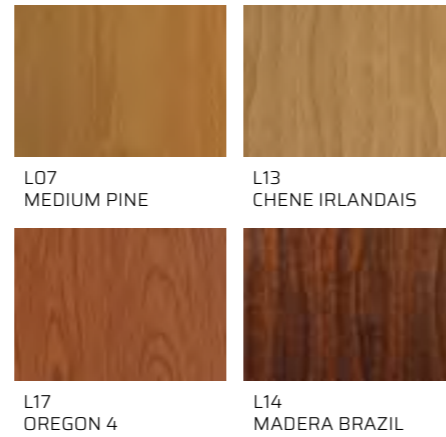
SPECIAL FINISHING

- Metal wood effect
- PVC covering
- Nanotech powder coatings
- Sublimations
- Digital printing

The **aesthetic metal finishing** represents an important phase of the manufacturing process, and includes a wide range of **decorative techniques**, high levels of **precision in execution**, continuous research of **new materials** and **latest generation machines** to ensure high quality standards.

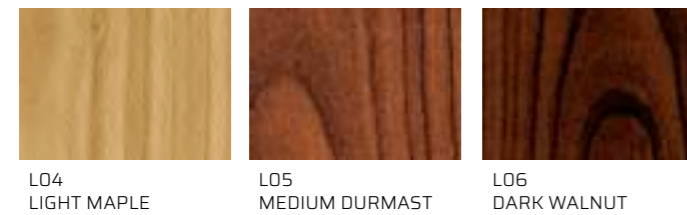


Standard aluminum wood



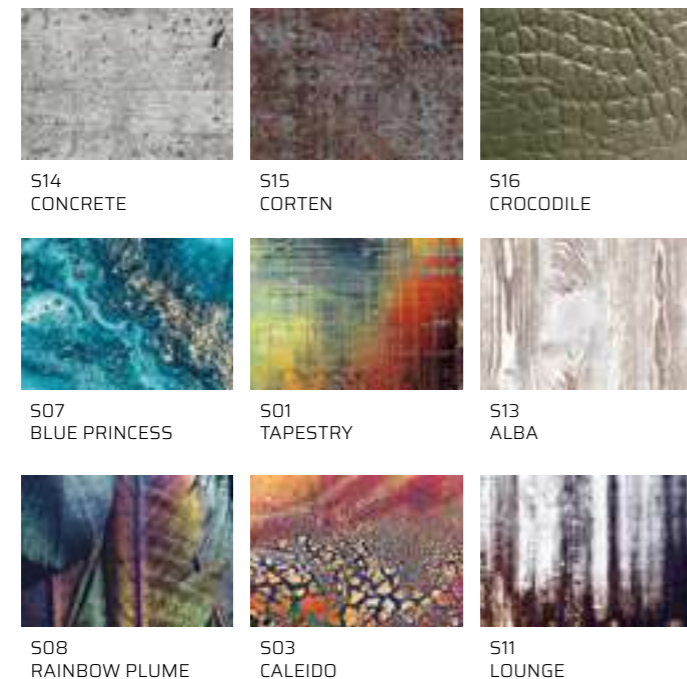
L07 MEDIUM PINE  
L13 CHENE IRLANDAIS  
L17 OREGON 4  
L14 MADERA BRAZIL

Standard steel wood



L04 LIGHT MAPLE  
L05 MEDIUM DURMAST  
L06 DARK WALNUT

Sublimation



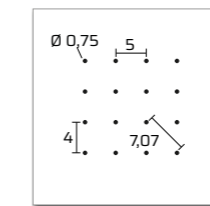
S14 CONCRETE  
S15 CORTEN  
S16 CROCODILE  
S07 BLUE PRINCESS  
S01 TAPESTRY  
S13 ALBA  
S08 RAINBOW PLUME  
S03 CALEIDO  
S11 LOUNGE



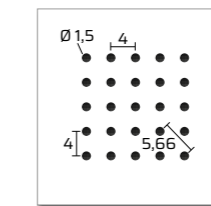
PERFORATION SET

PARALLEL PERFORATIONS  
Ø = 0,75 ≤ 1,5 mm

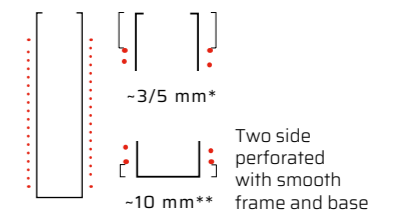
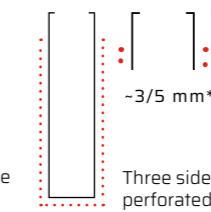
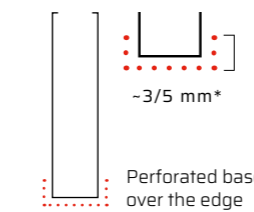
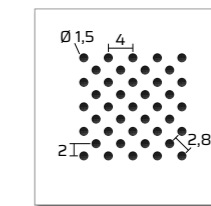
AP 0,75 / 2% P



AP 1,5 / 11% P

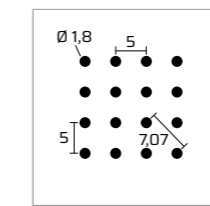


AP 1,5 / 22% D

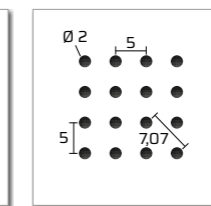


PARALLEL PERFORATIONS  
Ø = 1,8 ≤ 2 mm

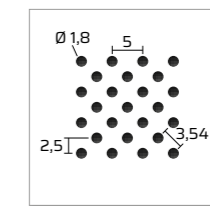
AP 1,8 / 9,5% P



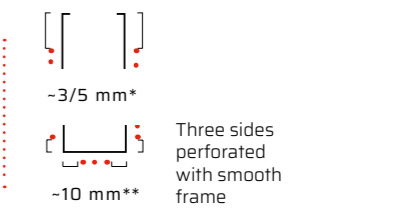
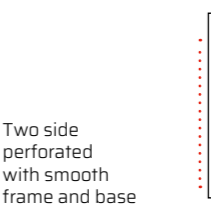
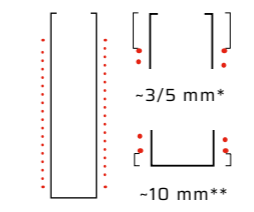
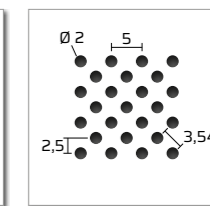
AP 2 / 12,5% P



AP 1,8 / 19% D



AP 2 / 25% D



Perforations legend

- Perforated area
- \* According to holes interaxe;
- \*\* According to holes interaxe; not available for base 30 mm

**Schedule:** thickness of drillable steel-aluminum  
**NA=** Not available  
**CW=** Maximum coil length  
**PW=** Maximum perf. width  
**6/10** for 30x100 | 50x100 only.

PERFORATIONS	0,5	0,6	0,7	CL	PW
AP 0,75/2% P	•	•	NA	1000	850
AP 1,5/11% P	•	•	•	1300	1300
AP 1,8/9,5% P	•	•	•	900	800
AP 2/12,5% P	•	•	•	1250	1200
AP 1,5/22% D	•	•	•	1300	1300
AP 1,8/19% D	•	•	•	900	800
AP 2/25% D	•	•	•	1250	1200