

Integrated Lights for Acustiart Panels

PRESENTATION

Acústica Integral offers the possibility of incorporating lights or LED's into the Acustiart sound absorbing panels. This option offers infinite decoration and design possibilities.

ADVANTAGES

- Personalised design in line with client requirements.
- Availability of a decorative product that is also an acoustic sound absorber.

APPLICATIONS

All the Acustiart models, standard and customised.



TECHNICAL DATA

Estructure: Aluminium.

Absorbent stuffing material: Acustifiber F.

Finish: Fabric. Standard range of colours.

Performance: Sound absorber.

Thickness: 50 or 100 mm.

Acustiart weight - 50: 4.5kg/m². **Acustiart-100:** 6 kg/m².

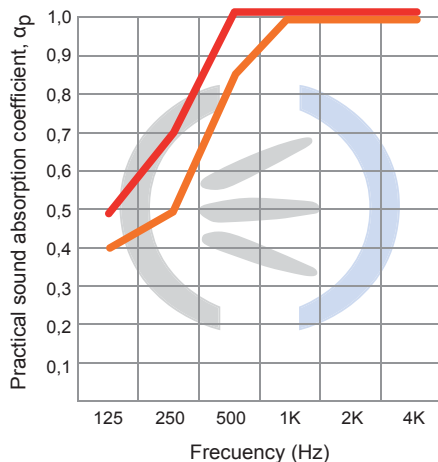
Fire resistance: **Stuffing: B s2 d0** in accordance with **AITEX** N° 14AN2697. **Fabric: B s1 d0** in accordance with **AITEX** N° 14AN2696.

Acoustic absorption: APPLUS Nr. 11/4191-2915, 11/4191-2913 y 11/4191-2914. Test realised in configuration of false ceiling.

Particulate emission (VOC): Classification A +



— Acustiart-100
— Acustiart-50



f (Hz)	α _p	α _p
125	0,40	0,50
250	0,50	0,70
500	0,85	1,00
1K	1,00	1,00
2K	1,00	1,00
4K	1,00	1,00

	Acustiart-50	Acustiart-100
Average sound absorption coefficient α _m :	0,95	1,00
Weighted sound absorption coefficient α _w :	0,80	1,00
Acoustic absorption class:	B	A

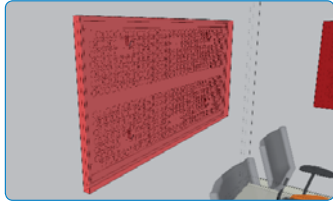
IMAGES



INSTRUCTIONS FOR ASSEMBLY AND DESIGN

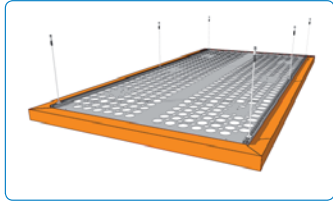
Tips and instructions for the design

The Acustiart-L panels are designed to fit the needs of the customer, and that is why the customer you must provide the lamp to be integrated into the system. Previously validated by our technical department. The customer must validate the prototype that was designed before its final manufacture.



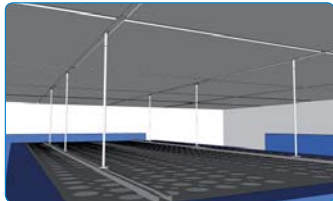
Wall assembly "Wall fixing kit" (optional)

Anchoring with hooks: Make the holes in the wall for hooks anchoring. Fix the hooks to the wall by using appropriate anchors. Hang the **Acustiart** panel by introducing the hooks fixed to the wall to the holes in the rear face of the baffle. Verify that the **Acustiart** panel is leveled.



Ceiling assembly "Ceiling fixing kit" (optional)

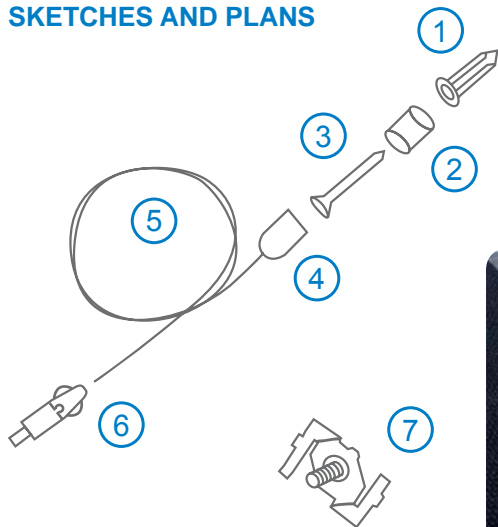
Drill and insert the peg (1). Screw the lag (3) so that it goes through the fixing piece (2). Already tightened, screw the fixing piece (4) to which we have previously introduced the steel cable (5). The cable will be introduced in order to cross the fixing piece (6). We will press the button to release the cable and we'll let it go to the desired length.



Ceiling assembly "suspended by metal clip" (7)

Recommended method especially conceived for Acustiart panel's suspension on ceilings with "T" standard system profiles. No need to drill. We recommend to check the admissible weight limit and to reinforce it if necessary. For this, use the special clip for profiles (7) included in the "ceiling fixing kit."

SKETCHES AND PLANS



Ceiling fixing Kit (optional) – Content

- (1) - 4 Anchors.
- (2 y 4) - 4 pieces of steel cable support.
- (3) - 4 lag screws.
- (5) - 4 steel cables.
- (6) - 4 threaded supports with brake for steel cable.
- (7) - 4 clips for "T" standard ceiling profiles.



Fabric samples

