![Acústica Integral – making acoustics]

ACUSTIART

Decorative Sound Absorbing Panels

ISO 9001 BUREAU VERITAS Certification

PRESENTATION

Acustiart panels are components for the construction of absorbent volumetric surfaces as deflectors, acoustic islands or acoustic clouds. Consisting of a rigid metal frame and a perforated backing tray fulfilled with absorbing materials and revested with fabric.

ADVANTAGES

Improve soundproofing levels and reverberation times for all types of environment where standard solutions cannot be used. Easy to install. Innovative design. A wide range of colours which may be mixed to obtain an aesthetic, attractive and elegant environment.

APPLICATIONS

Multi-use rooms, offices, shops, restaurants, bars, cafes, radio stations, home cinema, TV sets, cinemas, theaters, rehearsal rooms, museums, expositions, warehouses, hotels, gymnasiums, hospitals, clinics, etc.

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** Nº 14AN2697. **Fabric: B s1 d0** in accordance with **AITEX** Nº 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 +

ÉMISSIONS DANS L'AIR INTÉRIEUR*
A+ A+ A B C

Legend: Acustiart-100 / Acustiart-50
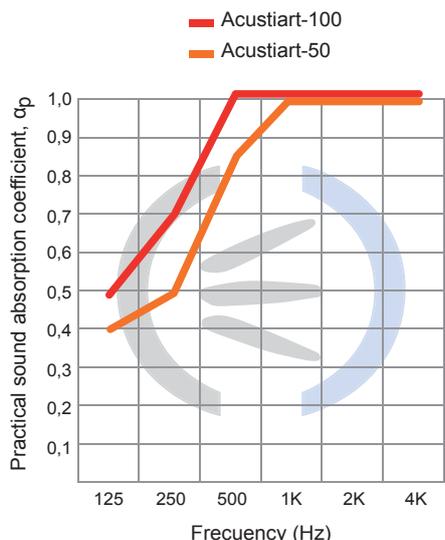
f (Hz)	α_p	α_p
125	0,40	0,50
250	0,50	0,70
500	0,85	1,00
1K	1,00	1,00
2K	1,00	1,00
4K	1,00	1,00

Practical sound absorption coefficient, α_p vs Frecuency (Hz)

	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

DIMENSIONS / PICTURES

Dim. (width x height x thickness in mm.)	
Acustiart-50/1	1000 x 500 x 50
Acustiart-50/2	1000 x 1000 x 50
Acustiart-50/3	1500 x 1000 x 50
Acustiart-50/4	2000 x 1000 x 50
Acustiart-50/5	500 x 500 x 50
Acustiart-50/6	1500 x 500 x 50
Acustiart-50/7	2000 x 500 x 50
Acustiart-50/10	600 x 600 x 50
Acustiart-50/11	1200 x 600 x 50
Acustiart-50/12	1800 x 600 x 50
Acustiart-50/13	1200 x 1200 x 50
Acustiart-50/14	1800 x 1200 x 50
Acustiart-100/1	1000 x 500 x 100
Acustiart-100/2	1000 x 1000 x 100
Acustiart-100/3	1500 x 1000 x 100
Acustiart-100/4	2000 x 1000 x 100

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FC-Acustiart-EN
Review 19
Date: 20/11/2017

Page 2/2

ASSEMBLY INSTRUCTIONS

Handling

Acustiart acoustic panels are extremely delicates and should be handled with the utmost care. They are supplied with a plastic cover to avoid damage during transportation, handling and installation. This plastic should be removed and care taken not to use sharp objects which might damage the fabric. The product is relatively heavy and two workers should be employed for handling purposes.
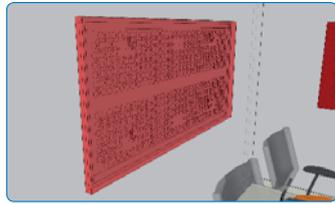
Wall assembly "Wall fixing kit" (optional)

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.
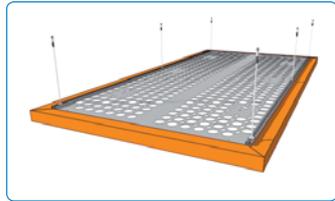
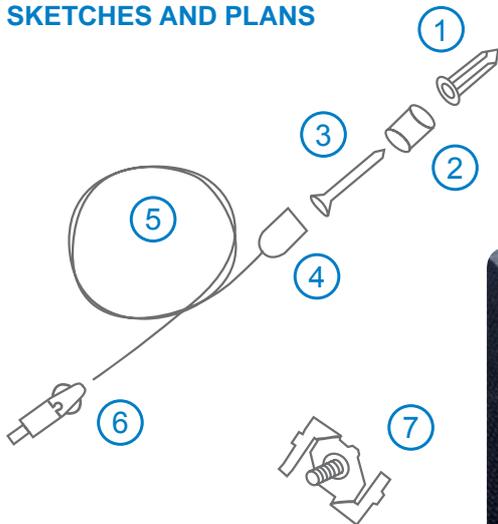### Ceiling assembly "Ceiling fixing kit" (optional)

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.
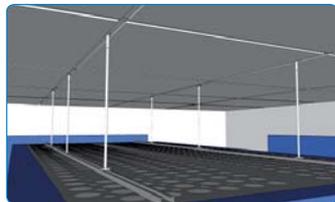
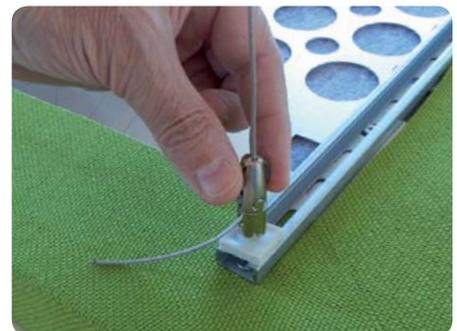### Ceiling assembly " suspended by metal clip" (7)

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."
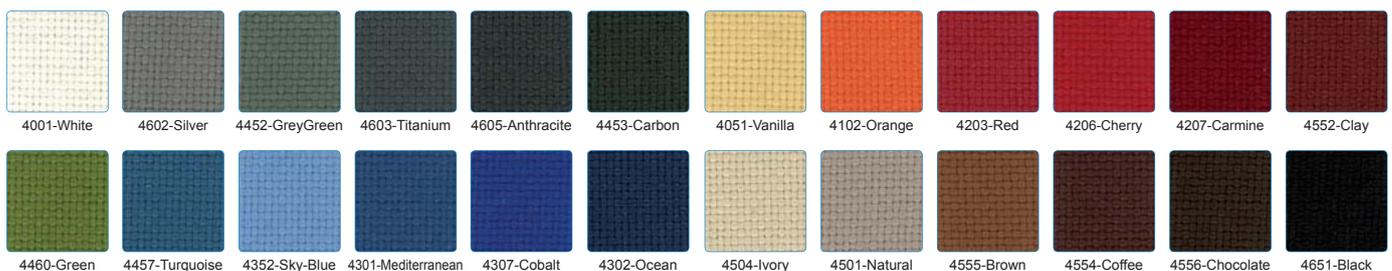
SKETCHES AND PLANS

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

4001-White	4602-Silver	4452-GreyGreen	4603-Titanium
4605-Anthracite	4453-Carbon	4051-Vanilla	4102-Orange
4203-Red	4206-Cherry	4207-Carmine	4552-Clay
4460-Green	4457-Turquoise	4352-Sky-Blue	4301-Mediterranean
4307-Cobalt	4302-Ocean	4504-Ivory	4501-Natural
4555-Brown	4554-Coffee	4556-Chocolate	4651-Black

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