Technical sheet Click

Click sound-absorbing panels by **Acoustic Lab** are customizable panels with the **printing of photos or images in high definition (HD)**. The high-definition images are printed on Trevira CS® fireproof fabric or ecological polyester, which is then fitted onto the acoustic panels with internal metal frame.
To fully exploit the potential of digital or sublimation printing, high / very high resolution photos are required (minimum HD 300 dpi).
Click printed sound-absorbing panels are an ideal tool for enhancing internal **corporate communication** or as a decorative element for office furnishings.

Description

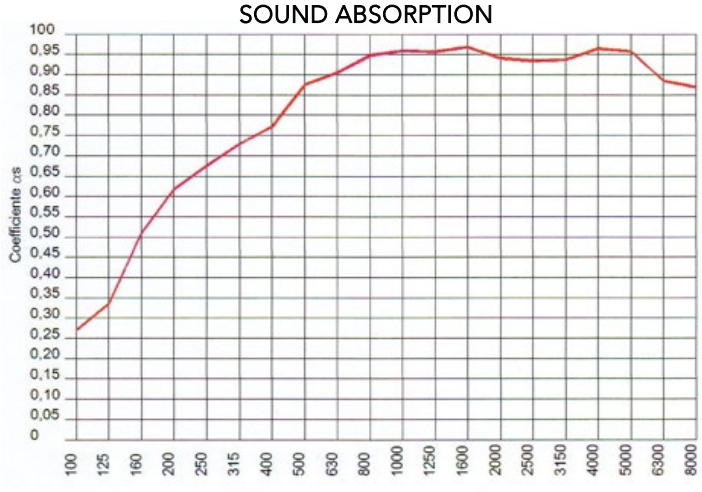
Internal stiffening structure in aluminum, steel or forex. Internal absorbent material in polyester fiber with variable density of 50 kg / m³ (fireproof class B s2-d0), developped to increase the absorption of medium-low frequencies. Standard thickness: 40 - 42 mm.
Upholstery available in fireproof fabrics: Trevira CS® fabric, 100% polyester (Class 1 - B-s1, d0); Ecopolyester fabric, 100% recycled polyester (Class 1).

Standard sizes

60 x 60 / 120 / 150 / 180 / 200 cm.
90 x 90 / 120 / 150 / 180 cm. 100 x 100 / 200 cm.
120 x 120 / 180 / 200 / 240 cm.
Circular panel Click (aluminum frame): Ø80 - Ø100 - Ø120 cm.
Maximum size: 120 x 300 cm

Consult us for other special sizes.

SOUND ABSORPTION



Acoustic performance
Acoustic sound absorbing in class "A"
according to the reference standards:

- UNI EN ISO 354:2003 Acoustics - Measurement of sound absorption in the reverberation room.
- UNI EN ISO 11654:1998 Acoustics - Acoustic absorbers for construction - Evaluation of sound absorption.

Polyester fiber certifications

Thickness:	40 mm - Tolerance: ± 2 mm
Density:	50 Kg / m³ - Tolerance: ± 2 %
Operating temperature:	from -50 °C to 120°C - It maintains its characteristics unaltered up to the temperature of 125°C
Workability:	High deformability and workability even after several deformation cycles
Thermal insulation:	Equivalent thermal conductivity up to λ=0,034 W/mK
Soundproofing:	Sound absorption coefficient at 500 Hz until α = 1,00
Composition:	100% Polyester fiber - Components: Polyester (PET) - Not a dangerous substance within the meaning of D.M. 12/02/93
General characteristics:	Resistant to chemical agents (acids, salts, hydrocarbons), fungi, bacteria and microorganisms; unfading,odourless; surface with anti-pilling treatment .
Test certificates:	CSE RF 2/75/A (UNI 8457) →Reaction to fire ISO 354 → Sound Absorption
Reaction to fire:	Flammability : Class 1 (UNO) (according to UNI 9177) - It does not emit opaque or toxic fumes (ANFOR F1 16-101)

Fabric features Ecopolyester

tessuto riciclato recycled fabric · garanzia 5 anni 5 years guarantee · colori speciali special colours · tessuto riciclabile recyclable fabric · OEKO-TEX® STANDARD 100 · IMO-MED · acustico acoustic

Technical specifications

Test description	Standard	Unit of measure	Values and tolerances
Composition	Directives CE	%	100% PL FRRECYCLED
Lenght and height		m.	55 ± 5% 1,40 ± 2%
Weight	UNI EN 12127	gr./m²-gr./mtl.	340 ± 10% / 470 ± 10%
Abrasion resistance - Martindale 12 KPA	UNI EN ISO 12947	Cicli	50.000 ± 20%
Pilling - Martindale Method	ISO 12945-2	degree 1-5	4/5 ± ½
Color fastness to dry / wet rubbing	EN ISO 105X12	degree 1-5	4 ± 1
Fastness to artificial light	EN ISO 105 B02 Blue scale	degree 1-8	6 ± 1
Maintenance	Use the smooth spout vacuum cleaner regularly, without brushing		
Maintenance simbology	UNI 8423		
Acoustic and sound absorption Certifications	Measurement of the sound absorption coefficient UNI EN ISO 354-2003 Class 1 Sipari, Draperies, Curtains Class 1 IM - Test report BS 5852 Crib N°5 using a CM Foam 35 Kg/cu.m. B1 DIN 4102 EN 1021 Part 1-2 using a CM Foam 35 Kg/cu.m.		

Trevira CS®

Class 1 (Italy)
Class 1 IM
EN 1021 Part. 1-2
EN 13501-1: B-s1, d0

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