

SILENTE

Single- sided sound-absorbing ceiling
and wall panel



Silente Sound-Absorbing Panel | 2020



caruso
acoustic & lighting comfort by **eo**



Single-sided sound-absorbing panel upholstered in fabric, which can be installed on the wall or in the ceiling with special tracks or suspension kits.



It's a highly Innovative and complete solution

which can be adapted to a wide range of rooms and offering a greater flexibility in its installation as the panels can be hung from the ceiling by adjustable cables.

Various configurations can therefore be created by either playing on the different heights of the panels or on their alignments.




PALAZZO DI VARIGNANA
HERITAGE OF ITALIAN LIFESTYLE
1705



Composition

Our sound-absorbing panels are made of a metal frame, an internal sound-absorbing material, and a fabric covering.

The internal materials are subject to repeated production checks to guarantee the best quality and durability.

Metal Frame

Inner frame in galvanised sheet metal frame 0.8 mm thick.

Sound-absorbing material

Inner sound-absorbing material padding 50 mm thick realised in Basotec® melamine resin by Basf® (8.5-11.5 Kg/m³) or in Whisper® material by Stratocell® (25 Kg/m³)

Fabric

Oeko-Tex certified removable fabric covering, 100% Polyester FR - (Tr Cs).

Trevira CS Maintenance :

For routine maintenance: Use the vacuum-cleaner with smooth spout regularly, don't brush.

Caruso Acoustic sound-absorbing panels are easily removable and washable*

*Except panels integrated with LED Lighting, and Menhir element. For full cleaning and maintenance information please request our Trevira CS Maintenance Certificate.





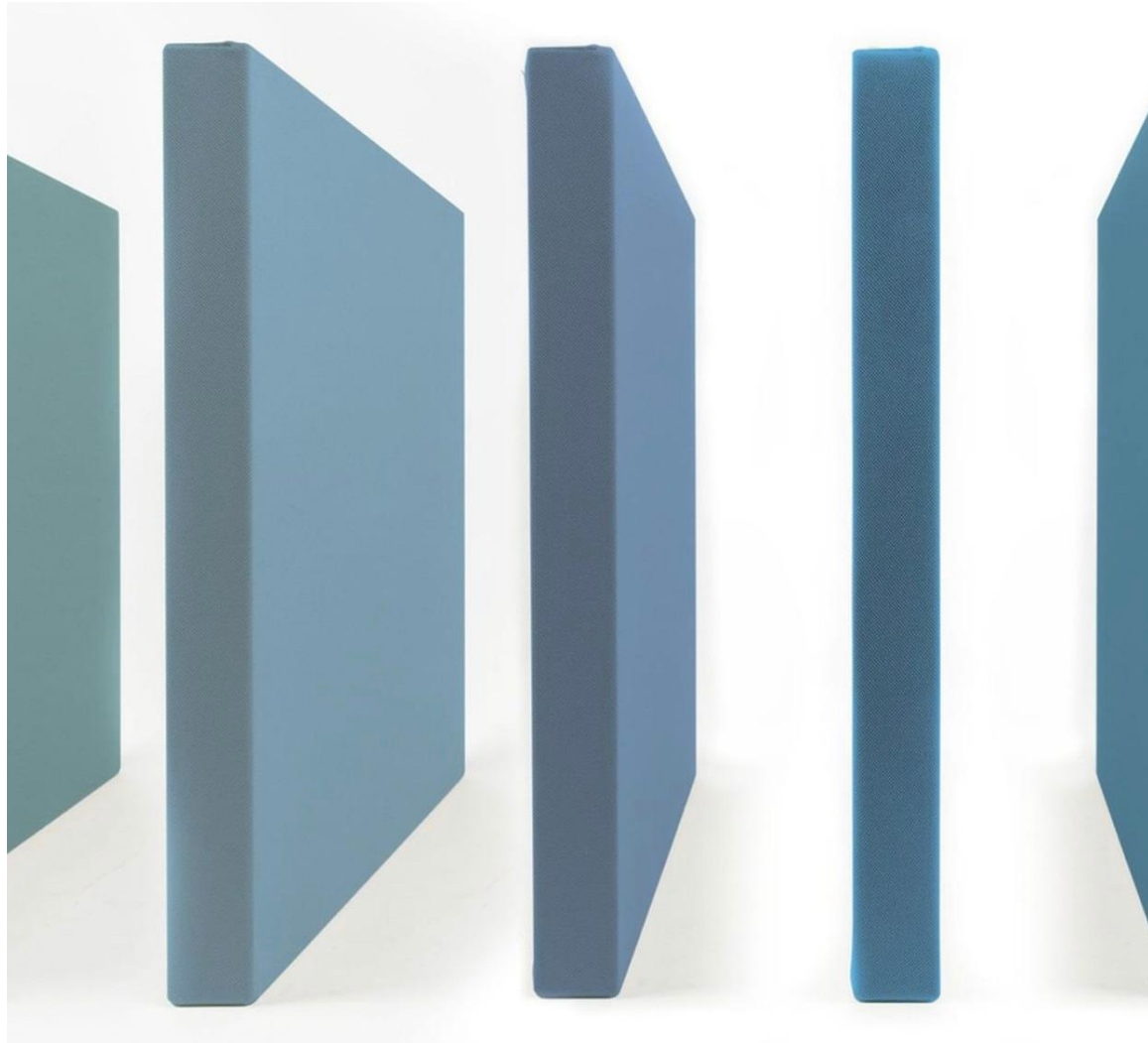
NEW ANTIBACTERIAL
PROTECTION
FOR CARUSO
ACOUSTIC PANELS
UPHOLSTERY
FABRICS

Scudo San Bacterial Treatment for Caruso Acoustic Fabrics

The treatment limits the spread of bacteria on fabrics, making it perfect for satisfying the growing need to maintain excellent levels of hygiene in offices, public areas and shared spaces.



Fabric Colors



Innovation in a room's comfort
with our 22 Standard Colors



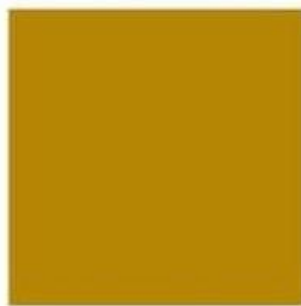
Customised Colors



While the acoustic analysis defines the room's acoustic well-being objectives, the functional requirements from an aesthetic point of view are met through the complete customisation of the sound-absorbing panels. In addition to standard colors, RAL and Pantone® can be produced on request.



PANTONE®
16-0840 TCX



PANTONE®
1245c



PANTONE®
17-4123



PANTONE®
7686 C

Customised Prints

In addition to its standard range of fabric colors, Caruso Acoustic by EO offers customised prints for your chosen fabric. Bring a unique touch of style to your environments. Not simple photos, but graphics, patterns, illustrations or your favorite art can also be printed and applied to our sound-absorbing panels.

The prints are applied directly onto the fabric with water-based, non-toxic inks, which are resistant to washing. This type of high-resolution print will not alter the weave of the fabric, thereby remaining transparent to any sounds and maintaining the effectiveness of the sound-absorbing acoustic panel.





CARUSO ACOUSTIC
MAKES PANELS TO
IMPROVE THE
ACOUSTIC AND
LIGHTING COMFORT
OF ALL
ENVIRONMENTS



One of the principles behind Caruso Acoustic & EO's design, production and installation experience is the synergy between acoustics and lighting.

The integration of LED lighting systems into sound-absorbing panels is a highly interesting specification that our company has been able to achieve. Lighting elements have been specially designed to integrate the sound-absorbing panels, thus contributing to improve the liveableness of the environment.





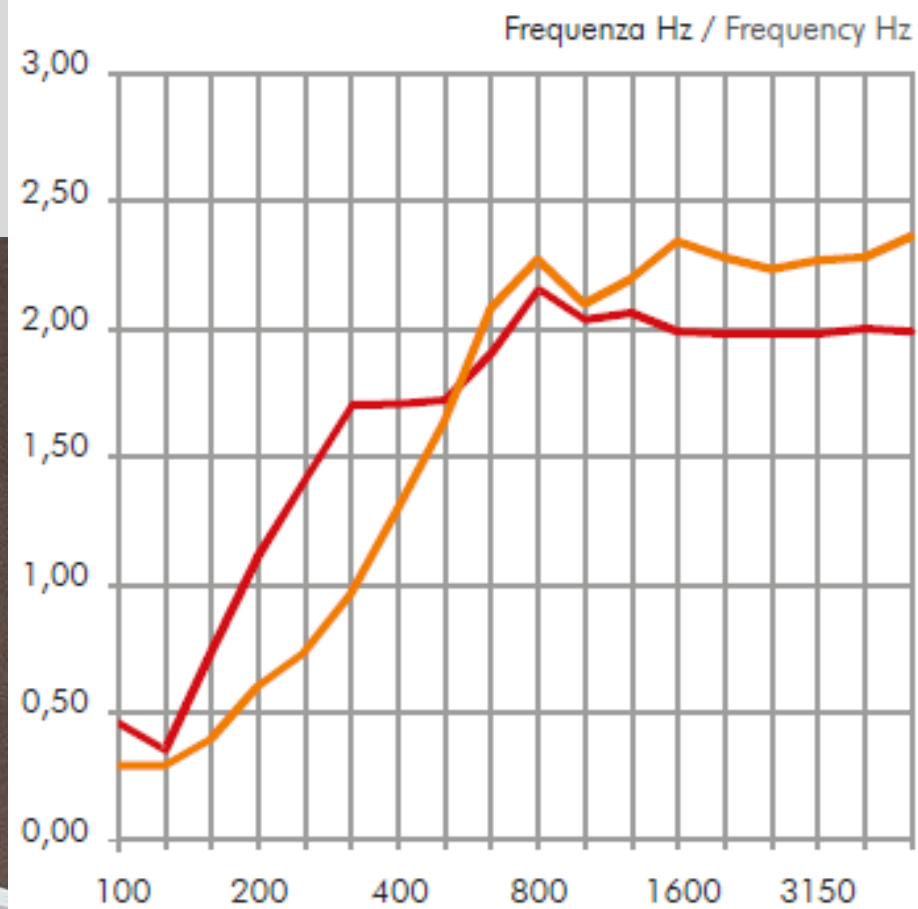
THE QUALITY
MATERIALS, FINISHES
AND PAINSTAKING
ENGINEERING
PROCESSES ARE THE
HALLMARK OF OUR
IN-HOUSE
PRODUCTION.



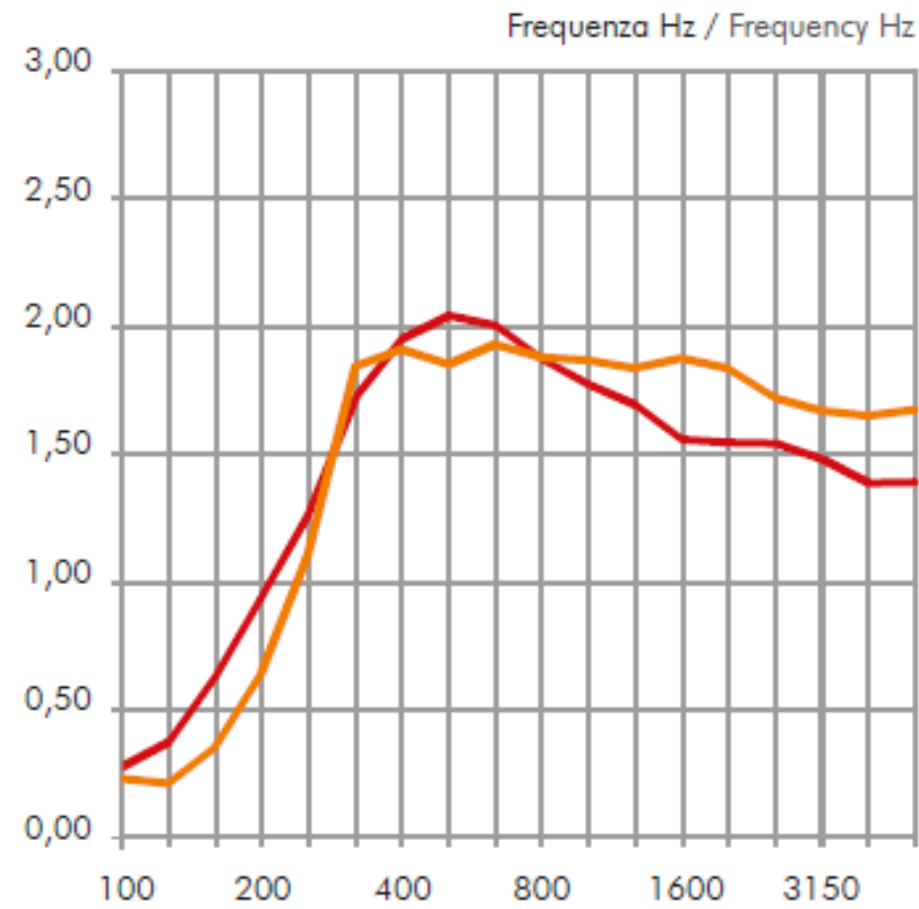
Acoustic Properties



Hanging panel sound absorption*



Adherence panel sound absorption*



- Sound-absorbing material: Melamine
- Sound-absorbing material: Whisper

*Sound absorption tests in compliance with UNI EN ISO 354 performed on 120 x 120 x 5 cm standard panel
The integration of lighting systems may alter the acoustic performance of the sound-absorbing panel



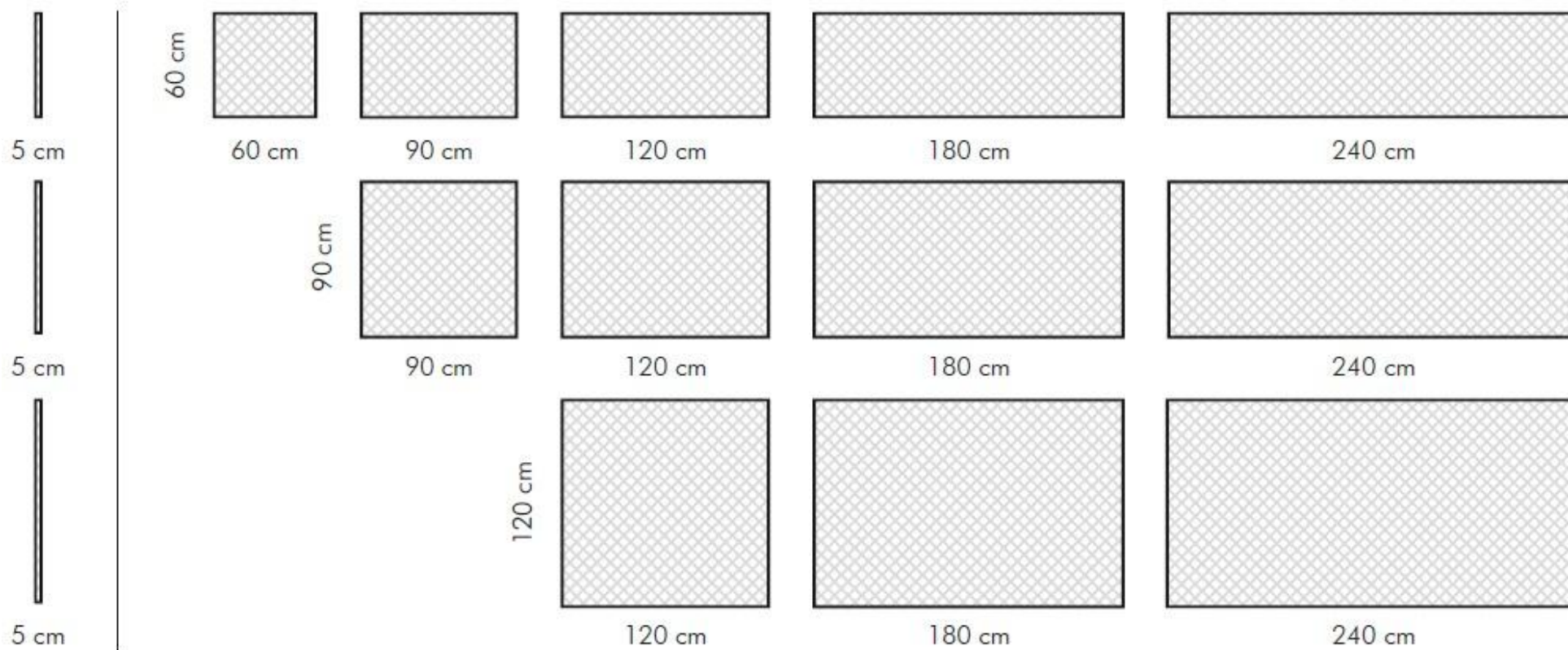
Certifications

- Sound absorption tests in compliance with UNI EN ISO 354
- Formaldehyde test: EN 717-1:2004 MG/MC < 0,01 - PM < 0,01
- Oeko-Tex Certificate (Fabric)

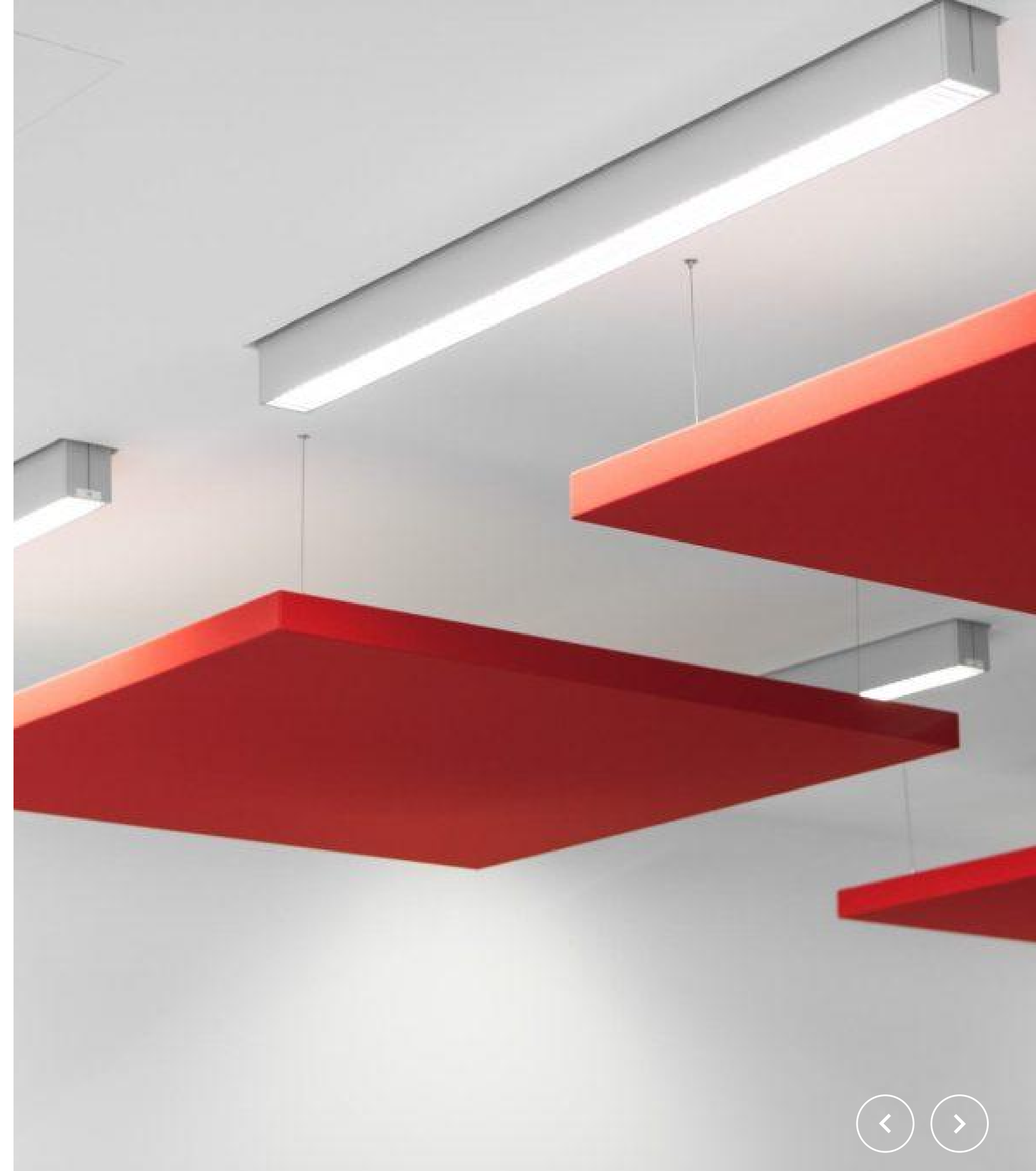
Fire Resistance Tests

- UNI EN 13501-01 Class B-s2, d0 - for the whole panel made of Basotec® melamine foam by Basf®
- UNI EN 13501-01 Class B-s1, d0 - for the whole panel made of Whisper® by Stratocell®
- American requirements USA ASTM E84-15b - for the whole panel made of Basotec® melamine resin by Basf®

Product Dimensions



Special measures on request/ project basis







caruso
acoustic & lighting comfort by **eo**

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CARUSO originates from the lengthy experience acquired by *LAMM*, a leading name in the commercial furniture manufacturing industry in Europe for over 60 years and winner of numerous awards and accolades at both national and international level.

To respond to the growing aspiration on the part of design engineers and architects to improve acoustic comfort indoors, *EO LIGHTING* formed a strategic partnership to exclusively represent Caruso Acoustic in Australasia.

