

**CASQIS®**

/ACOUSTIC  
HIGHLIGHTS 2022  
PRICES VAT EXCLUSIVE

**CASALIS**

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## ACOUSTIC ELEMENTS

### PRODUCT DESCRIPTION:

CASALIS specialises in creating and producing fully customised acoustic panels.

This unique acoustic panel system is developed by CASALIS.

The assembly takes place at our factory in Belgium. For the composition of the acoustic panel, we use a specially developed profile (made of 80 % recycled aluminium), an acoustic absorber (fire-class A), and a 3D textile cover designed by Aleksandra Gaca.

CASALIS provides easy installation kits, enabling anyone to install the Casalis acoustics.

### PANELS CAN BE INSTALLED AND REMOVED WITH A SIMPLE CLICK!

**For considerable projects, we can measure on-site, and install them with our CASALIS team.**

Everything is made to measure.

Many combinations and applications are possible:

- Wall: as separate wall panel(s) or full wall covering
- Suspended: horizontal or vertical. Hanging on steel cables connected to the ceiling (and floor), or directly connected to the ceiling.
- Room divider: as a screen or standing on a foot.
- Office divider: installed on a desk.

We can integrate sockets, switches, speaker boxes, lighting points and make special shapes adapted to the room.

CASALIS offers 5 different fabrics in a multitude of colours.

**ONDO** – 3D woven Trevira polyester CS yarn (14 colours)

**LEEVN**- 3D woven Trevira polyester CS yarn (11 colours)

**CELLO** – 3D woven Wool based mixed with polyester and cotton (9 colours)

**SLUMBER** – 3D woven with 50 % Merino wool based mixed with polyester and cotton (16 colours)

**BONNET** – Knitted 100 % Merino wool (27 plain colours and 43 mixed colours).

### SAFETY:

ONDO and LEEVN are classified under B-s2,d0 to the European Harmonized Standard and ASTM-E84 to the US standard.

CELLO is classified under ASTM-E84 to the US standard

SLUMBER, and BONNET are wool based, which is inherently safe in case of fire.

### SIZE RANGE

ONDO width from 30 cm - 95 cm. ONDO length up to 500 cm.

CELLO width from 30 cm - 95 cm. CELLO length up to 500 cm

LEEVN width from 30 cm - 105 cm. LEEVN length up to 500 cm.

SLUMBER width from 30 cm - 80 cm. SLUMBER length up to 350 cm.

### ACOUSTIC PERFORMANCE:

Using a 3D fabric drastically increases the surface of the acoustic element. In combination with our acoustic absorber (thickness 50 mm), we achieve an  $\alpha_w$  value of 0.90 to 0.95, depending on the fabric.

Having this high acoustic performance, fewer panels can be installed to achieve the perfect acoustics.

**Ideal for use in spaces where free walls and/or ceilings are limited.**

The  $\alpha_w$  value is put on a scale between 0 and 1.

0 is comparable with a closed window, bouncing the sound at 100 %.

1 is comparable with an open window, where all sound is escaping outside.

The Casalis acoustic element is absorbing 90 % of the sound that comes in contact with the panel. The part which is not absorbed is reflected in a thousand ways due to the 3D fabric. This results in an outstanding performance, both in absorption and sound diffusion.

**COST SAVING:**

This excellent acoustic result allows you to minimize the installation of m<sup>2</sup> of panels to achieve perfect acoustics in the room. Be aware of this when calculating the cost for CASALIS acoustic elements and other solutions offered on the market. Our team will guide you on the number of m<sup>2</sup> you should install to accomplish maximum acoustic efficiency in your room.

**INSTALLATION:**

Installation of our acoustic panels is easy. All installation instructions are available.

For more complex installations, Casalis has a team that can work all over Europe.

We can also assist you in the planning phase, go on-site to measure before production and finally install the panels. All this can be done for a reasonable price.

**DESIGNED TO IMPRESS:**

Our highly decorative 3D textiles are designed by Alexandra Gaca and exclusively produced by Casalis. This guarantees a unique product of the highest quality..

**MAINTENANCE:**

Maintenance is very easy, a simple vacuum cleaning should do the job.

In case of need, the fabrics can simply be removed from the frame. The cover can be drycleaned, or when necessary, a new cover can be ordered.

**DELIVERY TIME:**

At Casalis, we work towards short delivery times. The fact that all our products are customised does not influence this. The average delivery time should be around 4 weeks.

**CONCLUSION:**

Top quality products, amazing design, flexible dimensions, easy installation, no maintenance and acceptable delivery-times, all at a very reasonable price.

WE OFFER A FULL RANGE OF  
CUSTOMISED PRODUCTS

