

# LUGN

## Acoustic panel - recto

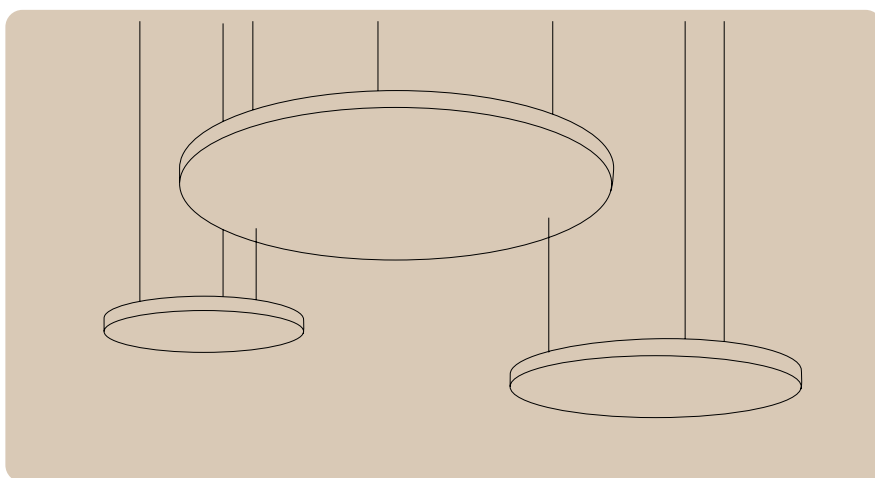
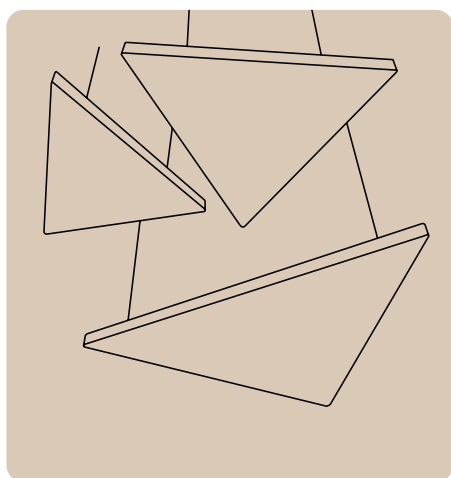
**myo**

### AESTHETIC BENEFITS

- Cover fabric on 5 sides (frame not visible)
- 3 fabrics - More than 60 colors
- Customizable (by printing)
- Option: lighting
- Removable cover fabric

### TECHNICAL BENEFITS

- Certified acoustic performance:  $\alpha_w=1$  - Class A - Test report (EEA)
- Fire-rated: B-s2-d0 (Twist - Twist Melange)
- Uses: on the wall – horizontal suspension
- Large size
- Product adaptation on demand



MYO\_FP-05.2023

5-YEAR  
Guarantee







Since 2014

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The Lugn acoustic panel RECTO consists of a steel or wooden frame and an absorbent ( $\pm 40$  mm) covered with a fabric cover on 5 sides.

	FIXINGS			FABRIC FINISHES					FIRE-RATED	OPTION
	On the wall	Horizontal suspension	Horizontal suspension	TWIST Trevira CS	TWIST MELANGE Trevira CS	HUSH 80% polyester 20% viscose	PRINTED FABRIC	HUSH BICOLOR Stitching at 2/3, vertical or horizontal	B-s2-d0 with Twist-Twist melange finishes	Lighting
	magnets	Cables (height adjustable)	magnets	18 colors	17 colors	28 colors	<i>see details below (1)</i>			<i>see details below (2)</i>
 STEEL STRUCTURE 50mm thick	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
 STEEL STRUCTURE 50mm thick	✓	✓	✓	✓	✓	✓			✓	✓
 WOOD STRUCTURE 45mm thick	✓	✓		✓	✓	✓				✓

### (1) PRINTED FABRIC

Two options for your cover prints:

1- Purchase an image on shutterstock.com, supplied by myO

2- Image or logo free of right provided by you, to be forwarded and approved by our services before acceptance of your order.

File(s) to send to [image@myo.fr](mailto:image@myo.fr), with your order's reference

### (2) LIGHTING

The installation of a lighting in a Lugn panel must be technically validated by the MyO design office. For any study, it is therefore mandatory to provide the technical description of the lighting + desired layout of each of the lightings in a drawing.

The reservation dimensions for the lighting must be higher than 70 mm.

Option: lighting kits

Included: Translucent cable (4 lm) + colorless zip ties

#### WHITE SPOT KIT

ø 82 mm - 0-25° adjustable - Energy class A

Led 7W GU10 IP20 - 320 lumens - 2700 kelvins - 25000 hours

#### KIT WHITE DOWNLIGHT


ø 188 mm - Energy class A - Led 13W IP20 - 1000 lumens - 4000 kelvins - 50000 hours


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### Dimensions & Average weights

 LUGN TRIANGLE width x height x thickness	AVERAGE WEIGHTS (kg) Without packaging
600 x 600 x 600 x 50 mm	2,2
1195 x 1195 x 1195 x 50 mm	4,5

 LUGN ROUND	AVERAGE WEIGHTS (kg) Without packaging
Ø600 - 45mm thick	2,2
Ø800 - 45mm thick	3,5
Ø1200 - 45mm thick	6,4

 LUGN RECTANGLE width x height x thickness	AVERAGE WEIGHTS (kg) Without packaging
300 x 1195 x 50 mm	4,2
300 x 1795 x 50 mm	6,2
300 x 2390 x 50 mm	7,5
400 x 1195 x 50 mm	4,2
495 x 600 x 50 mm	3
495 x 1500 x 50 mm	6,2
495 x 1700 x 50 mm	6,5
600 x 600 x 50 mm	3,4
600 x 1195 x 50 mm	4,8
600 x 1795 x 50 mm	7,3
600 x 2390 x 50 mm	8,5
1195 x 1195 x 50 mm	6,5
1195 x 1795 x 50 mm	9,5
1195 x 2390 x 50 mm	11

### Product Adaptation

In made-to-measure orders, the maximum dimensions of the Lugn recto panel are 1195 x 2800 mm.

A different finish in a fabric other than those offered by myO is possible after validation of the technical and dimensional characteristics.

The fixing kits can be adapted according to your installation constraints.

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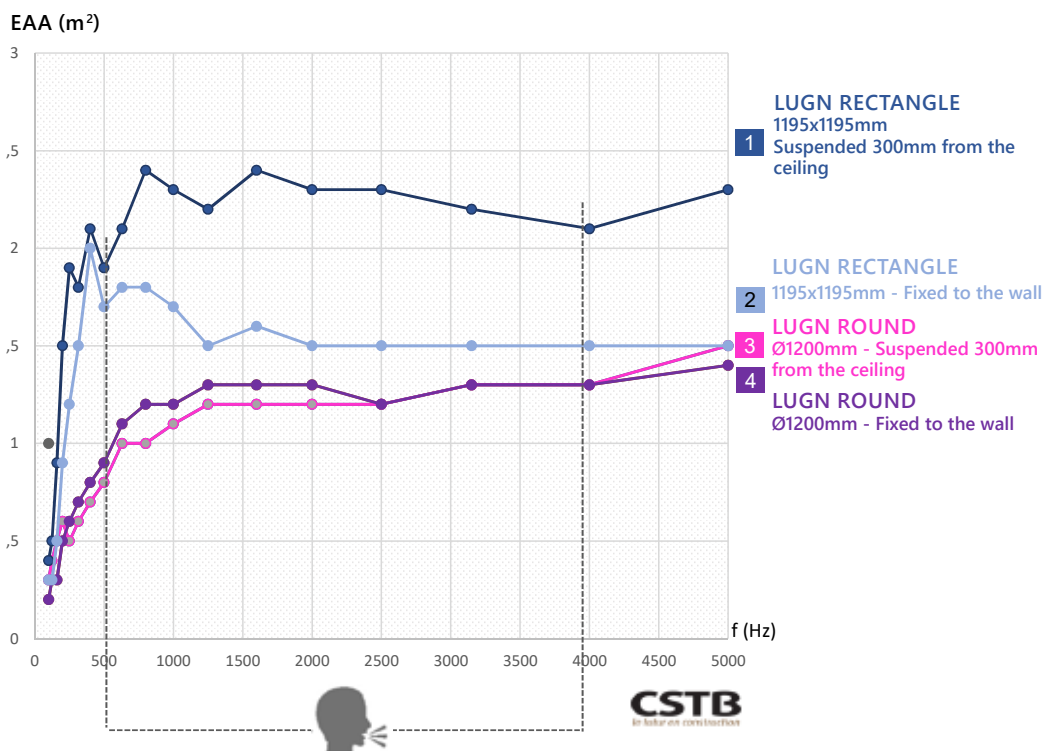
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### Acoustic

The Equivalent Absorption Area (EAA) of an element (A) is expressed in sqm. It characterises the absorptency of the element per frequency band: the higher the value, the greater the absorptency of the element.

f (Hz)	EAA (m <sup>2</sup> )			
	RECTANGLE		ROUND	
	1	2	3	4
100	0,4	0,3	0,3	0,2
125	0,5	0,3	0,4	0,3
160	0,9	0,5	0,5	0,3
200	1,5	0,9	0,6	0,5
250	1,9	1,2	0,5	0,6
315	1,8	1,5	0,6	0,7
400	2,1	2,0	0,7	0,8
500	1,9	1,7	0,8	0,9
630	2,1	1,8	1,0	1,1
800	2,4	1,8	1,0	1,2
1000	2,3	1,7	1,1	1,2
1250	2,2	1,5	1,2	1,3
1600	2,4	1,6	1,2	1,3
2000	2,3	1,5	1,2	1,3
2500	2,3	1,5	1,2	1,2
3150	2,2	1,5	1,3	1,3
4000	2,1	1,5	1,3	1,3
5000	2,3	1,5	1,5	1,4

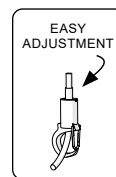
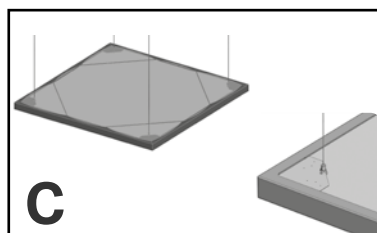
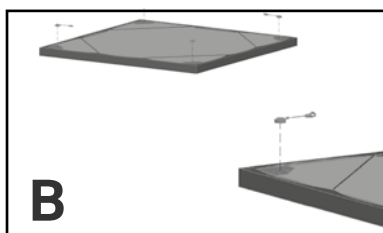
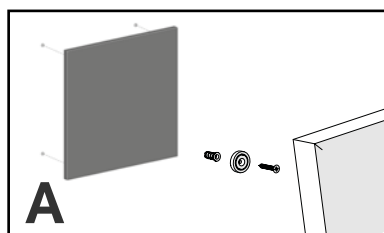
NF EN ISO 354



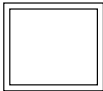

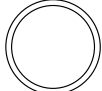


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### Fixing systems

Fixing systems				
<p>A - WALL</p> <p>Direct fixing with magnets on plaster or wooden wall.</p>	KITFIMURALE KITFIMURALGD	KITFIMURALTRI	KITFIMURALROND	15 mn
<p>B - CEILING</p> <p>Direct fixing with magnets on the ceiling.</p>	KITFIAIMPB	KITFIAIMPBTRI	-	20 mn
<p>C - HORIZONTAL SUSPENSION</p> <p>Fixing with cables from the ceiling. <u>Provided cable length: 1,5 to 2m</u></p>	False-ceiling (T24)*: KITFIHORT24 Plaster or wood: KITFIHORPB Concrete slab: KITFIHORDAL	False-ceiling (T24)*: KITFIHORT24TRI Plaster or wood: KITFIHORPBTRI Concrete slab: KITFIHORDALTRI	False-ceiling (T24)*: KITFIHORT24ROND Plaster or wood: KITFIHORPBTROND Concrete slab: KITFIHORDALROND	15 to 30 mn (depending on the support)
 <p>HORIZONTAL JUNCTION BETWEEN PANELS</p>	KITFINAPPE	KITFINAPPE (note that the junction is made on only one of the 3 sides, as desired)	-	5 mn

\*Suspending objects on T24 is only allowed if the ceiling frame has been reinforced.

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## Assembly

To allow careful assembly, myO products are delivered with: assembly instructions + a pair of cotton gloves.