



# Muffle Acoustic Panels



The Muffle concept brings an impressive design element to your space, at the same time effectively improving the acoustics of the space. The number, positioning and colours of the Muffle panels can be customised to suit the style and needs of the space. To make selection easier we have created different colour combinations and configuration examples.

## Materials

- Muffle acoustic panels are ecologically manufactured using natural fibres (hemp and/or flax fibres) and recycled materials.
- The bright coloured Convert 2000 and Convert MEL 4000 fabrics are 100% recycled polyester fibre.
- The broken coloured Nemi Melange fabrics are made of recyclable polyester.
- The materials are safe for indoor air quality and they are fire resistant.
- The acoustic material is hemp fibre, which received INNOSUOMI's honorary mention in 2010.

## Acoustic Properties

Yeseco Muffle panels are particularly effective in lowering the level of unwanted noise reflections caused by conversation.

## Sound Absorption Class, ISO 11654:

Class A,  $\alpha_w$  0,95

|              |               |
|--------------|---------------|
| 125 Hz: 0,25 | 1000 Hz: 0,95 |
| 250 Hz: 0,75 | 2000 Hz: 1,00 |
| 500 Hz: 0,90 | 4000 Hz: 1,05 |

## Installation

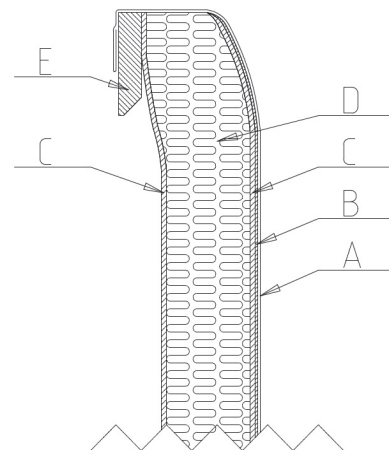
The frame of the panels features a groove for hanging the panels and the panels are screwed to the wall.

## Construction

- Individual canvas upholstered acoustic panel, thickness 6 cm.
- Standard sizes: 50 x 50, 56 x 56, 28 x 80, 56 x 80, 80 x 80 and 112 x 80 cm.

The construction of Yeseco's Muffle:

- A = Acoustic canvas
- B = Padding (PET)
- C = Hemp and plastic fibres (PET)
- D = Wood pulp
- E = Laminated wood frame



## Yeseco Collections | Colour Combinations

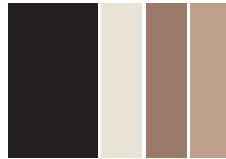
Choose a colour scheme that suits your space. The colours can be checked from Pugi rg's fabric colour charts (Convert 2000 and Nemi Melange ranges).

Contrast – Chestnut



Convert 2651  
Convert 2999  
Nemi Melange 1109

Contrast – Camel



Convert 2651  
Convert 2509  
Nemi Melange 1556  
Convert 2504

Contrast – Camel and Petrol



Convert 2651  
Convert 2509  
Nemi Melange 1556  
Convert 2504  
Convert 2402

Contrast – Orange



Convert 2651  
Convert 2509  
Nemi Melange 1111  
Nemi Melange 2111

Contrast – Lime



Convert 2602  
Convert 2651  
Convert 2503  
Convert 2451

Contrast – Pink



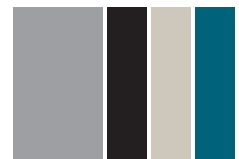
Convert 2602  
Convert 2651  
Convert 2503  
Convert 2251

Contrast – Yellow



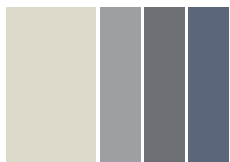
Convert 2602  
Convert 2651  
Convert 2503  
Convert 2051

Contrast – Petrol



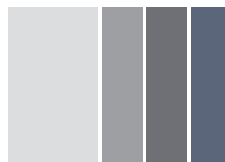
Convert 2602  
Convert 2651  
Convert 2503  
Convert 2402

Harmony – Warm



Convert 2503  
Convert 2602  
Convert 2603  
Convert 2307

Harmony – Cool

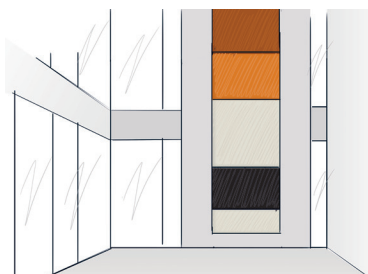


Convert 2612  
Convert 2602  
Convert 2603  
Convert 2307

After choosing your colour scheme you can order Muffle acoustic panel configurations in ready packages. Alternatively, individual panels can be purchased in your chosen colours.

## Yeseco Collections | Configuration Examples

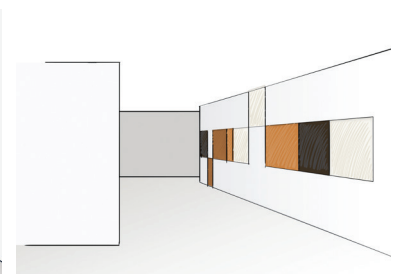
The panels can be installed in a number of configurations, such as the following examples.



Tall, narrow space;  
5 panels, 2.2 m<sup>2</sup>



Large wall surface;  
11 panels, 4.8 m<sup>2</sup>.



Long wall;  
9 panels, 3.9 m<sup>2</sup>.