



SILENT FIBER



**Sustainable & innovative  
room acoustics**




You can  
close your  
eyes...

The  
ears  
NOT

**This is how we  
work today...**



A photograph of an office interior. The room features a large window with multiple panes, a desk with a computer, two teal chairs, and a whiteboard. The ceiling is made of concrete, and the walls are white. The floor is covered in a light-colored carpet. Three text boxes are overlaid on the image: one at the top right, one on the left side, and one at the bottom right.

REVERBERANT  
SURFACES

NO  
CURTAINS

LOTS OF  
GLASS

FEW  
FURNITURE



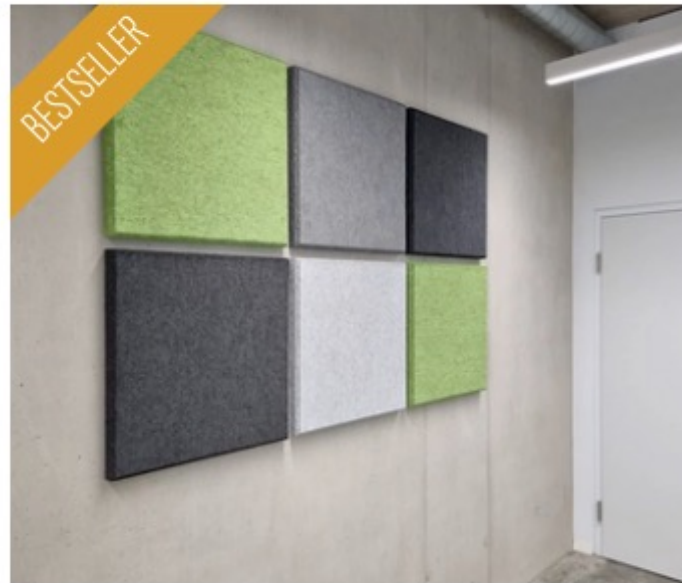
## Solution: Natural fibers



Swallow the  
sound

provide for  
calm

## Products



Hanf  
Akustikplatte

- Made in Austria
- Renewable raw material: hemp straw
- High sound absorption
- 7 formats possible
- Economical - in new builds and retrofits

## Hemp acoustic panel

- In 7 standard colours
- Customised RAL colour possible
- Coated with mineral interior colours
- Very good sound absorption
- $\alpha_w = 0.75$  (MH)
- Renewable raw material
- Acoustic panels are glued or hung directly on the wall or ceiling
- Building material class B2 | Euroclass E, D-s2,d0



## Hemp: panel sizes



### Formate

62,5 x 62,5 x 4,5 cm

42 x 42 x 4,5 cm

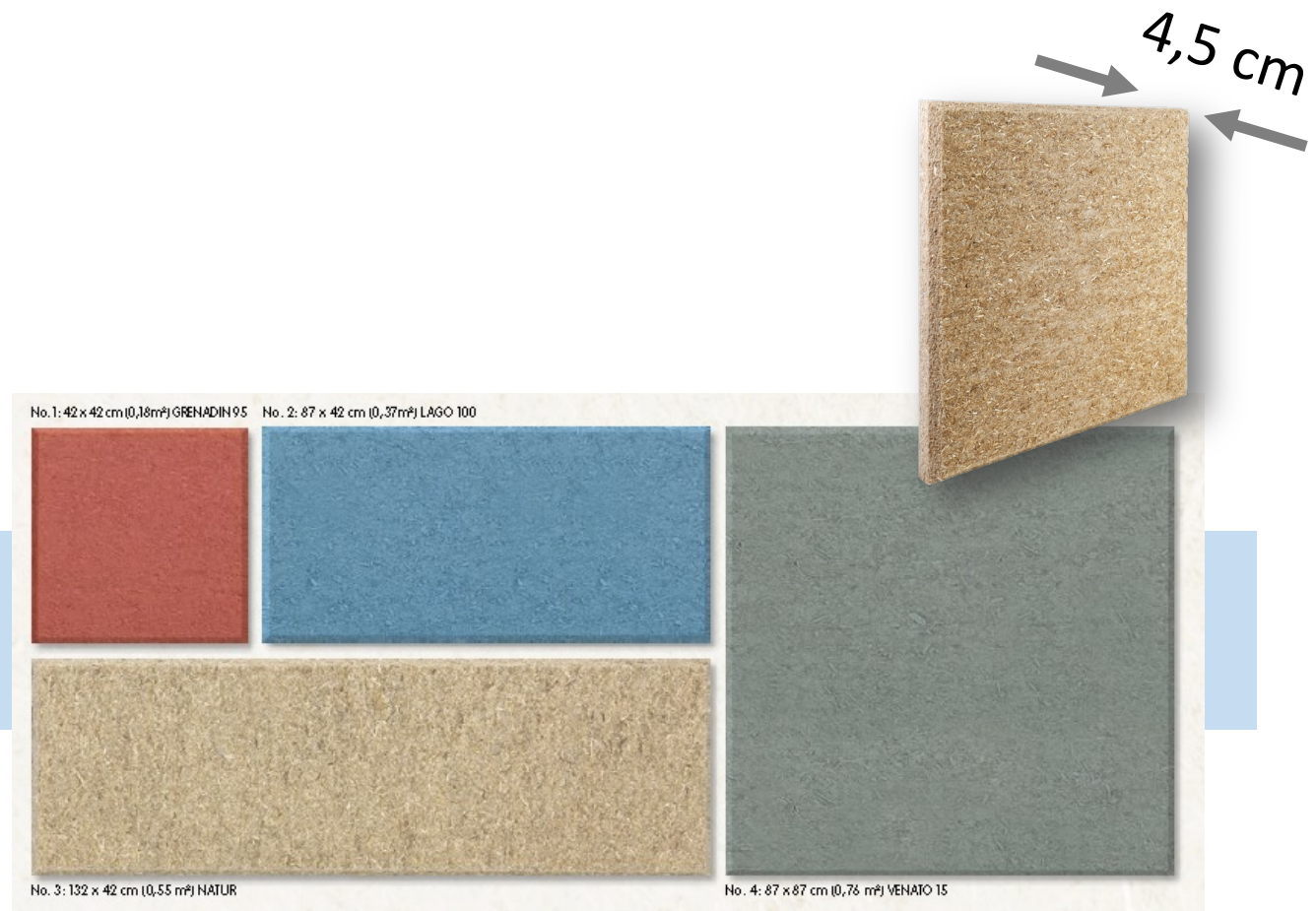
87 x 42 x 4,5 cm

132 x 42 x 4,5 cm

87 x 87 x 4,5 cm

188 x 120 x 4,5 cm

Die Paneele haben eine  
umlaufende Fase

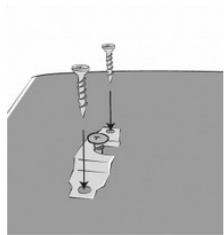


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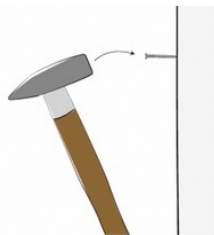


## Hemp: Mounting

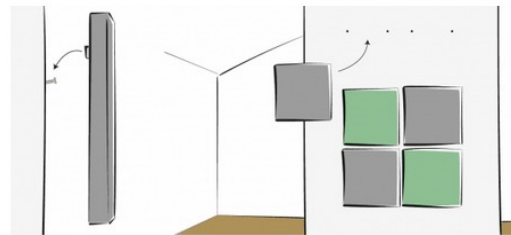
### Wall mounting sets



Aufhänger vormontieren

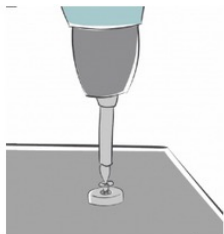


2 Nägel in die Wand schlagen

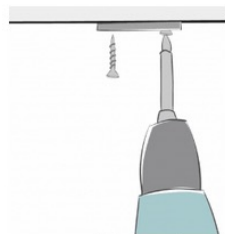


Akustikplatten wie Bilder aufhängen

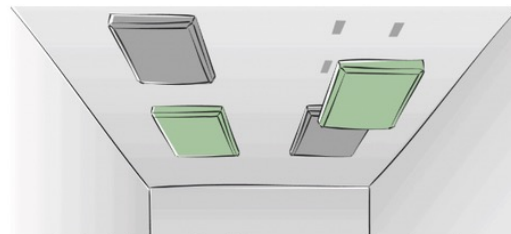
### Ceiling mounting sets with magnets



Vormontage Magnete an der Akustikplatte



Montage Metallplatten an der Decke



Die Akustikplatten werden mit den Magneten an die Decke "geklebt"

### Hemp quick adhesive for walls and ceilings



## Hemp: Mounting

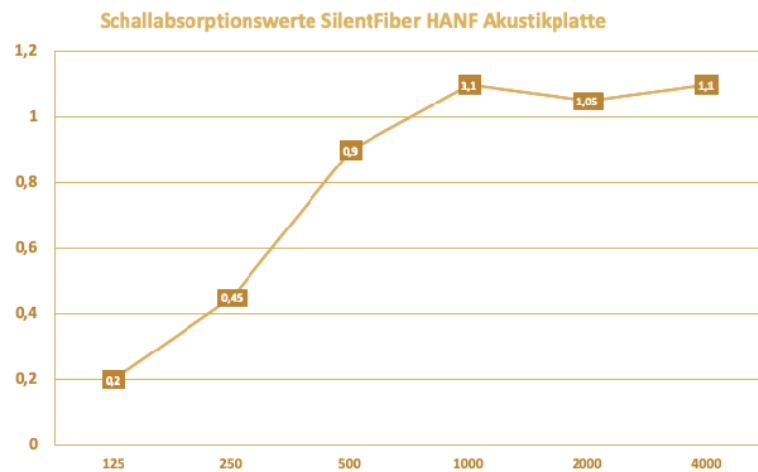


Link to video: <https://youtu.be/syCm9C2Et1k>

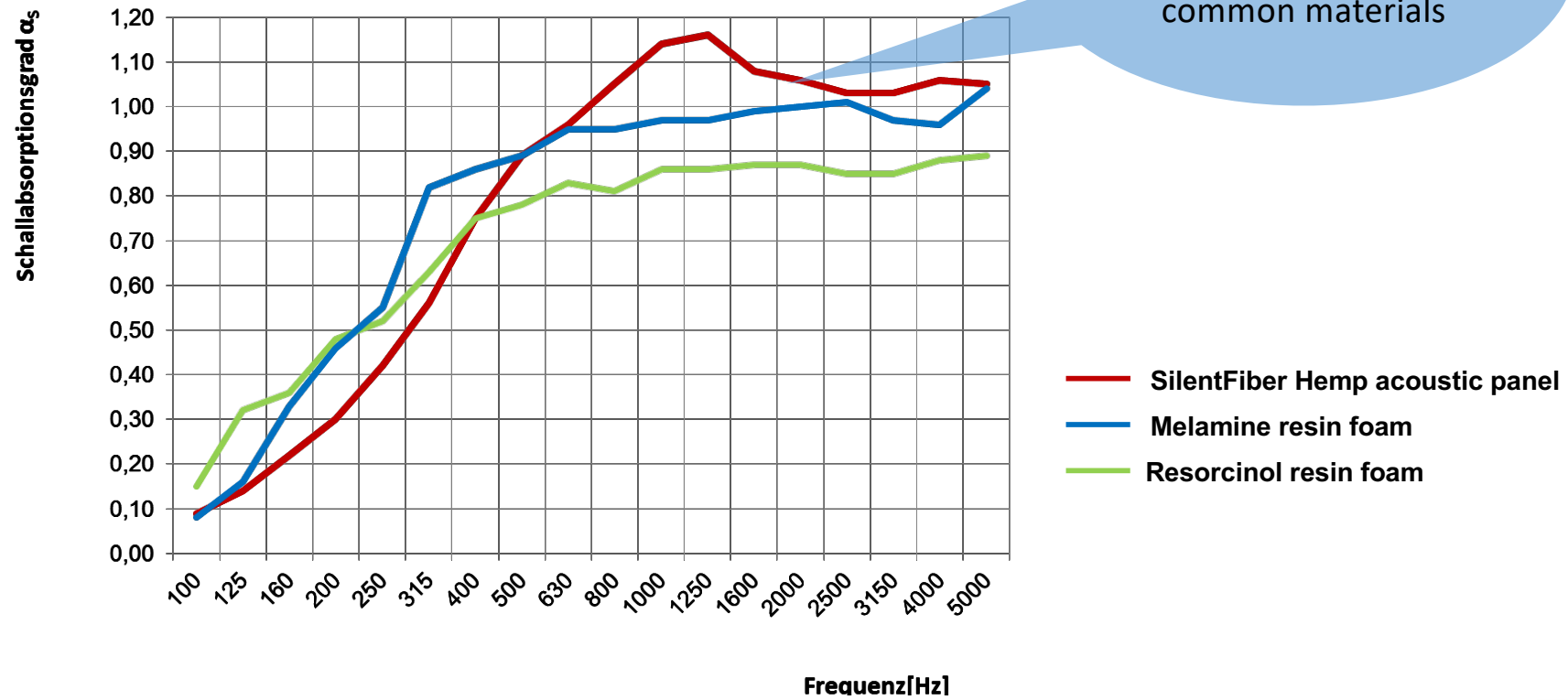
## Hemp: Sound absorption values

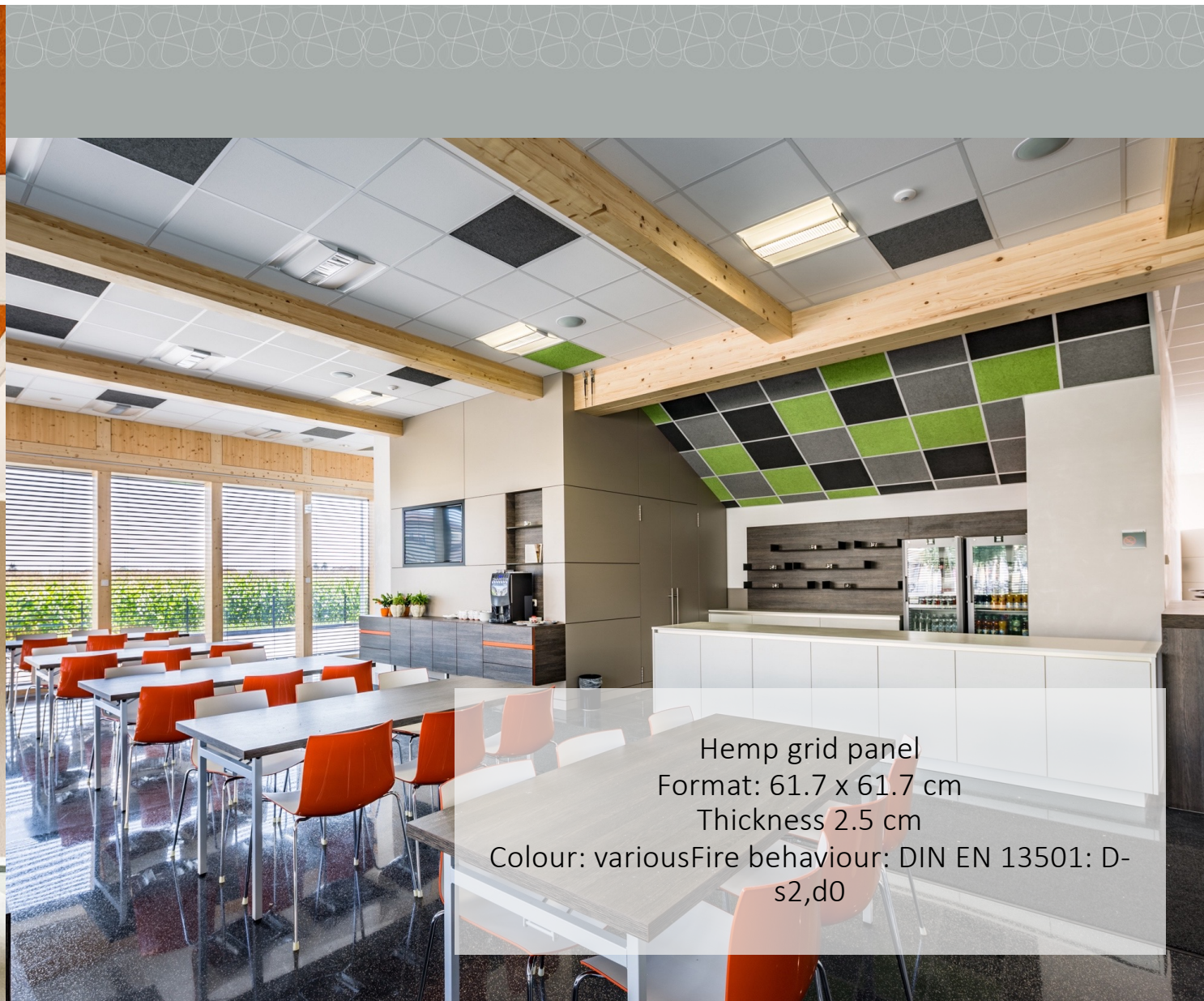
### Schallabsorptionsgrad

Frequenzen (HZ)	125	250	500	1000	2000	4000
Praktischer Schallabsorptionsgrad $\alpha_p$	0,2	0,45	0,9	1,1	1,05	1,1
$\alpha_w$	0,75					



Sound absorption according to DIN EN ISO 354





Hemp grid panel  
Format: 61.7 x 61.7 cm  
Thickness 2.5 cm  
Colour: various  
Fire behaviour: DIN EN 13501: D-  
s2,d0

Thank  
you!



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