

## Data sheet

### Acupanel with real oak on recycled PET felt



Variants:	Oak brown: (Item no.: C-EIBR_conf) Oak grey: (Item no.: C-EIGR_conf) Oak light: (Item no.: C-EIHE_conf) Oak nature: (Item no.: C-EINA_conf)			Oak Natural oiled: (Item no.: C-EING_conf) Oak black: (Item no.: C-EISCH_conf)		Smoked oak dark: (Item no.: C-718)
Panel dimensions in mm:	2400x 600x21	1200x 600x21	600x 600x18	2400x 600x21	600x 600x18	2400x 600x21
Total surface per panel:	1,44 m <sup>2</sup>	0,72 m <sup>2</sup>	1,44 m <sup>2</sup>	1,44 m <sup>2</sup>	1,44 m <sup>2</sup>	1,44 m <sup>2</sup>
Weight per panel:	12,23 kg	6,11 kg	12,23 kg	12,23 kg	12,23 kg	12,23 kg
Lamella width:	27 mm					
Lamella depth:	12 mm					
Distance between the lamellas:	13 mm					
Strip structure:	1 mm European oak veneer on 11 mm modified MDF					
Felt background:	9 mm recycled acoustic PET felt					

The wood surface was brushed and treated with oil to preserve the naturalness of the oak.

The different shades are created without any chemical additives or dyes, but solely through the natural aging process of the wood. Since this is naturally aged wood, color differences are a sign of the naturalness of the oak. This is what makes each piece of wood unique.

Sound absorption class:

A (when installed on 45 mm wooden battens and mineral wool filling).

C (when installed on 35 mm wooden slats without insulation material)

D (when installed directly on the wall without spacing and mineral wool).

$\alpha_w$	Sound Absorption Class
0,90 to 1,00	A
0,80 to 0,85	B
0,60 to 0,75	C
0,30 to 0,55	D
0,15 to 0,25	E
0,00 to 0,10	Not classified