



FELT 25

acoustic surface

EN Acoustic element made of 25mm thick, high quality, self-supporting, recycled PET felt with sound absorbing properties; optionally cut round, rectangular, strip-shaped or without cutting as a full-format element; high quality visual and tactile surface; large selection of colours and formats; can be used as wall or ceiling covering to significantly improve room acoustics; packaging unit depends on format

DE Akustikelement aus 25 mm starkem, hochwertigem, selbsttragendem, recyceltem PET-Filz mit schallabsorbierenden Eigenschaften; wahlweise Zuschnitt rund, rechteckig, streifenförmig oder ohne Zuschnitt als Vollformat-Element; optisch und haptisch hochwertige Oberfläche; große Auswahl an Farben und Formaten; als Wand- bzw. Deckenbelag einsetzbar, zur maßgeblichen Verbesserung der Raumakustik; Verpackungseinheit vom Format abhängig

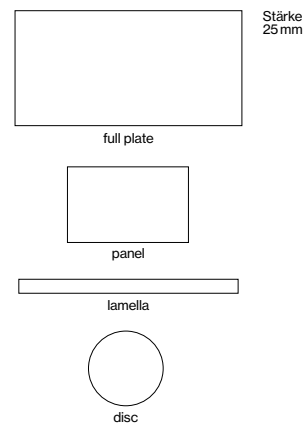
Quickinfo

PET felt

♻️ from recycled material
up to absorption class A

🔥 flame retardant up to B-s1, d0*

Types



Colours

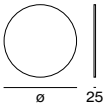
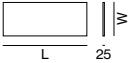
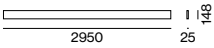
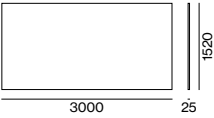


Order options

LENGTH	L
295 mm	0295
590 mm	0590
885 mm	0885
1180 mm	1180
1475 mm	1475
2360 mm	2360
2950 mm	2950

WIDTH	W
295 mm	0295
590 mm	0590
885 mm	0885
1180 mm	1180
1475 mm	1475

DIAMETER	D
295 mm	0295
590 mm	0590
885 mm	0885
1180 mm	1180
1475 mm	1475



FELT 25 surface

 PET felt	<table><tr><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td></tr><tr><td colspan="5">$\alpha_w 1.00$</td></tr></table>	A	B	C	D	E	$\alpha_w 1.00$					1.05 NRC	1.02 SAA
A	B	C	D	E									
$\alpha_w 1.00$													

FULL PLATE

COLOUR	L-W-H (mm)	ORDER CODE
○ white	3000-1520-25	091-81W-3000x1520
● marble grey	3000-1520-25	091-81D-3000x1520
● felt grey	3000-1520-25	091-81G-3000x1520
● anthracite	3000-1520-25	091-81B-3000x1520
● black	3000-1520-25	091-81L-3000x1520
● limestone	3000-1520-25	091-81S-3000x1520

the packaging unit is one for a full plate

LAMELLA

COLOUR	L-W-H (mm)	ORDER CODE
○ white	2950-148-25	091-82W-2950x0148
● marble grey	2950-148-25	091-82D-2950x0148
● felt grey	2950-148-25	091-82G-2950x0148
● anthracite	2950-148-25	091-82B-2950x0148
● black	2950-148-25	091-82L-2950x0148
● limestone	2950-148-25	091-82S-2950x0148

PANEL

COLOUR	L-W (mm)	ORDER CODE
○ white	see table left	091-82W- LLLL x WWWW
● marble grey	see table left	091-82D- LLLL x WWWW
● felt grey	see table left	091-82G- LLLL x WWWW
● anthracite	see table left	091-82B- LLLL x WWWW
● black	see table left	091-82L- LLLL x WWWW
● limestone	see table left	091-82S- LLLL x WWWW

DISC

COLOUR	Ø (mm)	ORDER CODE
○ white	see table left	091-83W- DDDD
● marble grey	see table left	091-83D- DDDD
● felt grey	see table left	091-83G- DDDD
● anthracite	see table left	091-83B- DDDD
● black	see table left	091-83L- DDDD
● limestone	see table left	091-83S- DDDD

Mounting accessories

WALL MOUNTING PROFILE

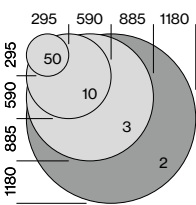
TYPE	L-W-H (mm)	ORDER CODE
aluminium	1000-40-4.8	091-7911100

for mounting FELT 25 to the wall

Packaging units

MATERIAL COLOUR white, marble grey, felt grey, anthracite, black, limestone

295	590	885	1180	1400	2360	2800
36	16	12	8	8	4	4
8	6	4	4	2	2	
		3	2	2	1	1
			2	2	1	1

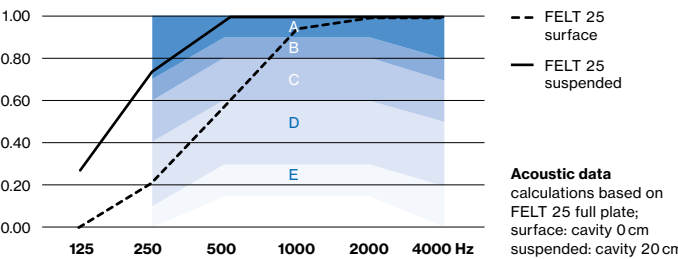


- standard delivery conditions
- additional shipping costs will apply due to oversize

*for more details see xilence.xal.com/colours

Acoustic data

Sound absorption coefficient (α_p)



Acoustic data
calculations based on
FELT 25 full plate;
surface: cavity 0 cm
suspended: cavity 20 cm