

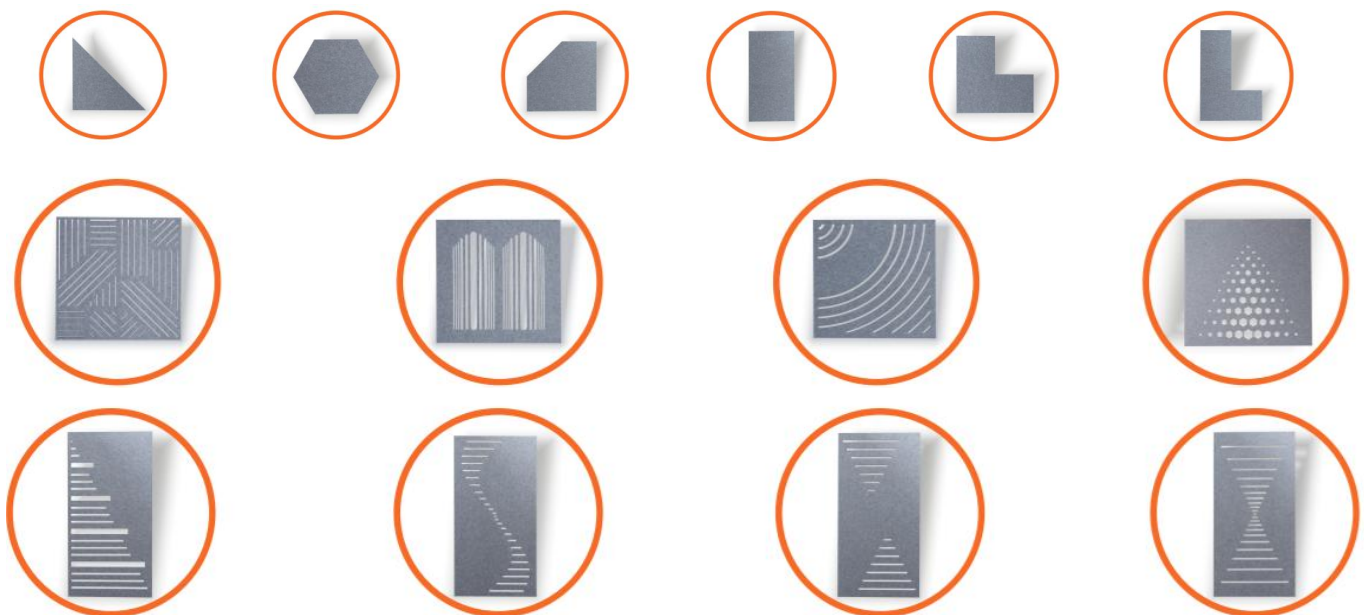
TECHNICAL DATA SHEET

FESIGN

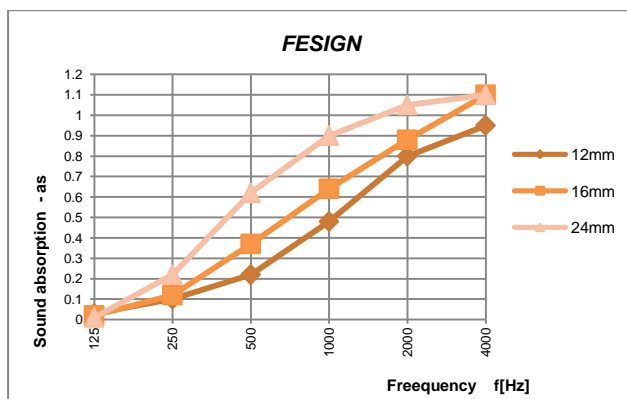
FELT Acoustic Panels, Baffles, Wallpapers, Sheets and Separators

FESIGN panels are made from recyclable, formable polyester fiber and wool. Exceptional acoustic properties of the panels improve speech intelligibility and reduce acoustic reverberation.

Smart array of shapes and sizes allows the control of room acoustics, along with custom design of the patterns to meet the aesthetic needs of any interior design. FESIGN panels can be customized in size, thickness, shape, patterns and colors to elevate both acoustic and visual appearance of any space.



TECHNICAL CHARACTERISTICS	Unit	Value
Thickness	mm	12 / 16 / 24
Dimensions per sheets	mm	1480x3000
Density	gr/m ²	2200
Material		100% Polyester (65% Recycled)
Color		Available in RAL colors
Fire class		B-s1,d0



Method	Directly on the wall	50mm cavity	50mm cavity + 50mm acoustic foam	100mm cavity	100mm cavity + 100mm acoustic foam	200mm cavity
12mm panel						
NRC	0,40	0,75	0,90	0,80	0,95	0,90
αw	0,25	0,60	0,95	0,80	0,90	0,95
16mm panel						
NRC	0,50	0,80	0,90	0,85	0,95	0,90
αw	0,35	0,60	0,95	0,85	0,90	0,95
24mm panel						
NRC	0,70	0,80	0,95	0,90	1,00	0,95
αw	0,50	0,65	1,00	0,90	0,95	1,00