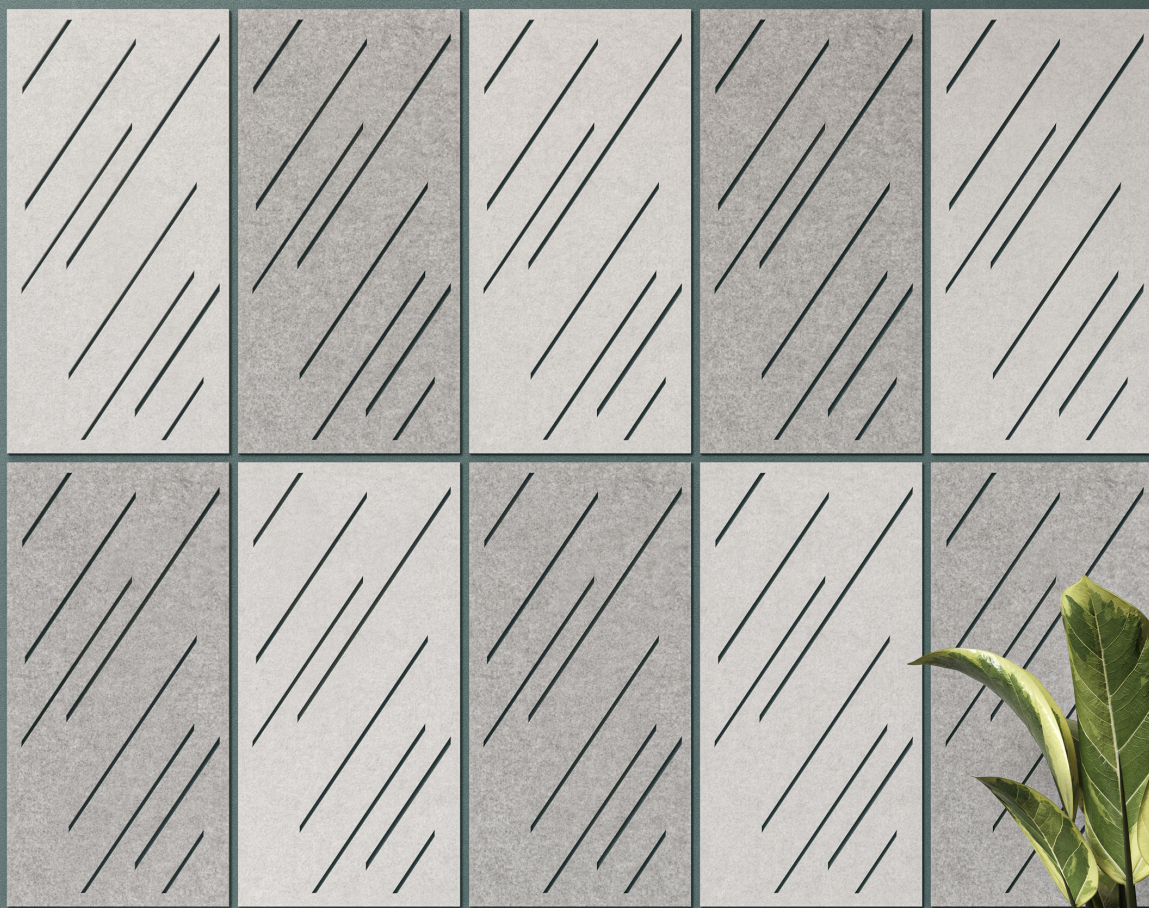


FALCON™

Dulcet Acoustic Panel Specifications





Dulcet: 12mm Specifications

Composition	100% Polyester (60% recycled polyester fiber+ 40% virgin polyester fiber)
Formaldehyde Emissions	0.00ug/g
Acoustic Rating	0.45-0.90 NRC
Panel Size / Thickness	2800mm x 1225mm x 12mm
Surface Finish	Matte
Weight	0.5 lb / sqft
Colors	24 Standard Colors
Application	Indoors only
Fabrication	Utility knife or CNC with oscillating knife
Installation	Adhere to substrate with Silicon based construction adhesive Attach with screws, Z-clips, nails, stand-offs, aluminum trim or millwork.
Fire Rating	ASTM E 84 – Class A
Care Instructions	Vacuum to remove dust Remove spills immediately using a clean damp cloth or with soap and water Carpet and fabric cleaners can be used – always test an inconspicuous area first

NRC Comparison

Frequency / Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	$\bar{\alpha}$	NRC
0mm	0.03	0.01	0.09	0.04	0.05	0.09	0.12	0.25	0.32	0.49	0.61	0.72	0.82	0.85	0.91	0.94	0.95	0.44	0.45
50mm	0.20	0.16	0.22	0.32	0.46	0.56	0.63	0.80	0.89	1.03	1.04	0.99	1.07	1.00	0.93	0.87	0.92	0.81	0.80
150mm	0.29	0.46	0.44	0.57	0.68	0.81	0.97	0.96	0.91	1.04	0.92	0.80	0.94	0.94	0.91	0.90	0.91	0.97	0.90

