TEXFEL ECHOPET felt acoustic panels



Technical Data Sheet

TEXFEL® Echo is a range of decorative acoustic PET panels that stands out for offering features adapted to the needs of architects, designers and OEMs.

PET felt standard colour is black, with a wide range of colours available (to special order) to complement modern working and living spaces.

The main purpose of the product is to reduce residual sound that is commonly found in virtually any space.

FEATURES and BENEFITS

- Reduces impact noise transmission
- Acoustic absorption and decorative function combined in rigid panels that can be cut to desired shapes
- Easily bonded in position
- · High acoustic performance

Parameter	Value					
Length	2440mm					
Width	1220mm					
Thickness	9 mm	12 mm	24 mm			
Density	183 kg/m³	208 kg/m ³	125 kg/m³			
Sheet Weight	1.65 kg/m ²	2.50 kg/m ²	3.00 kg/m ²			
Tolerances	±12 %	±12 %	±10 %			
Recycled equivalent (33cl bottle)	106	159	195			

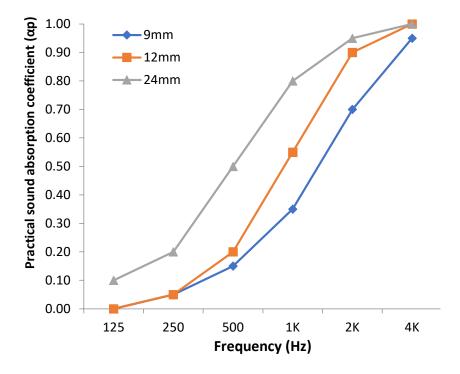
Colour	Black (Up to 20 colours available by special order)			
Sound Absorption (EN ISO 354)	up to αω 0.90			
Acoustic Class (EN ISO 11654)	A			
Reaction to Fire (EN 13501-1)	B-s2,d0 (mechanically fixed)			
Composition	100% PET up to 60% post recycled			







TEXFEL ECHO Practical sound absorption coefficient



Practical sound absorption coefficient (αp)											
Panel	Gap	Fill	125	250	500	1K	2K	4K	NRC	Class	
9mm	0	None	0.00	0.05	0.15	0.35	0.70	0.95	0.25	Е	
12mm			0.00	0.05	0.20	0.55	0.90	1.00	0.25	Е	
24mm			0.10	0.20	0.50	0.80	0.95	1.00	0.50	D	
9mm	- 50mm	Air	0.10	0.30	0.60	0.95	1.00	0.95	0.60	С	
12mm			0.15	0.40	0.75	1.00	1.00	0.95	0.70	С	
9mm	50mm	nm Stone Wool	0.35	0.90	1.00	1.00	1.00	1.00	1.00	А	
12mm			0.40	0.95	1.00	1.00	1.00	1.00	1.00	А	



Texfel is a registered trademark of Fieltros Y Tejidos Industriales, S.L.





www.cmsdanskin.co.uk

CMS Danskin Acoustics is part of the



IMPORTANT: The information provided within this document is believed correct and to the best of our available knowledge at its revision date and is provided as suggestion for safe handling, storage, transportation, use and disposal. The information should not be considered obligation in respect of warranty of (technical) performance, quality (specification) or suitability for any application or design. The customer must satisfy themself the product or draft specification) are relevant and suitable for their need and design intent. Prospective users should test a sample of product under their own conditions to satisfy themselves of its suitability for intended purpose and that expert advice be sought where different applications are contemplated. Due to our policy of continuous improvement we reserve the right to alter or amend published specification or design without prior notice. Reproduction of any part of this publication in any manner is not permitted without our prior written consent.