

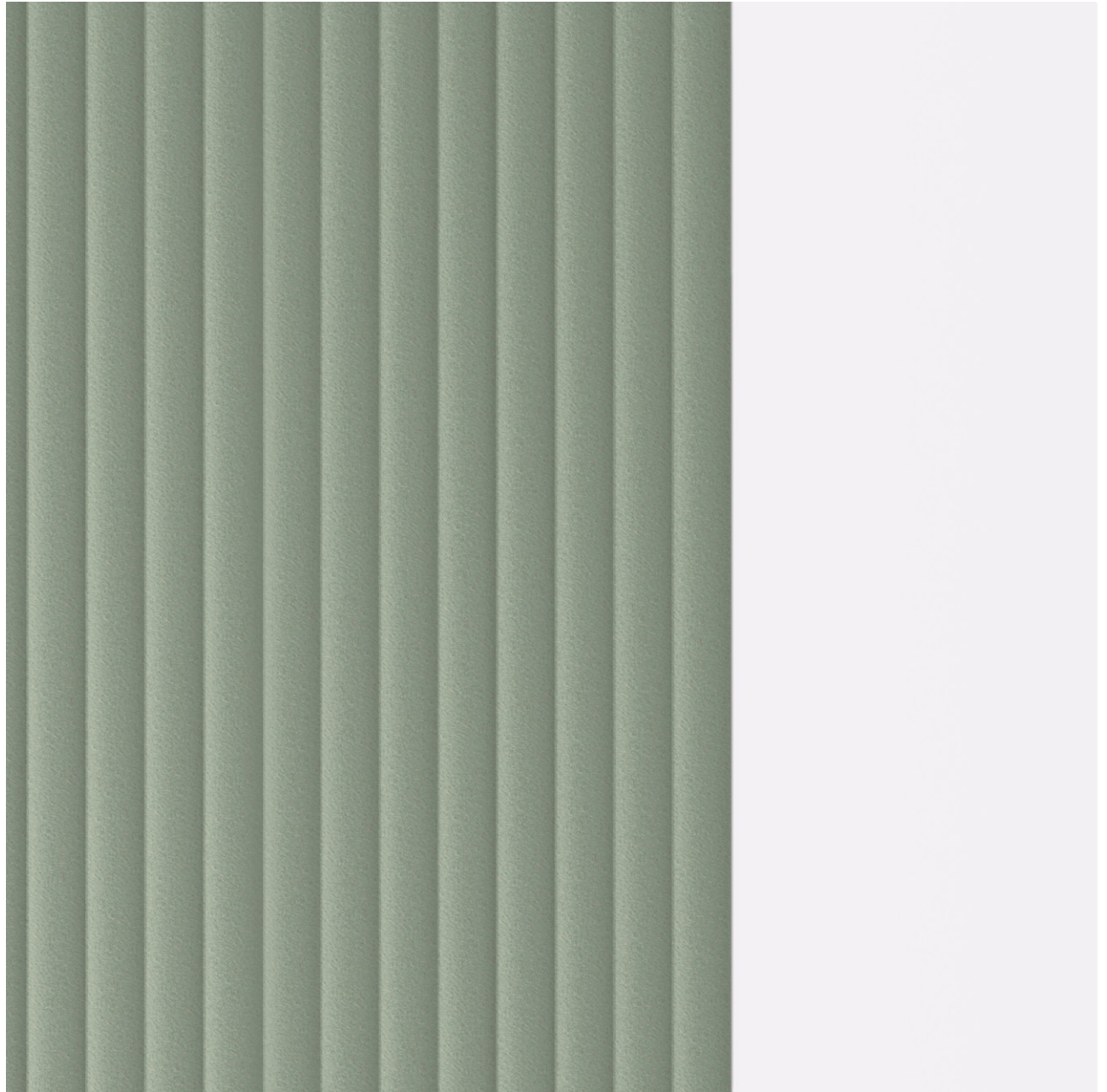
# Corinthian

## Corinthian Ridged

Designed for collaborative interior spaces, this PET acoustic wall panel delivers excellent sound absorption while enhancing the visual character of a room.

A sustainable solution for acoustic comfort, it's ideal for creating feature walls that stand out in any environment.

Creating quiet through architectural acoustic solutions.



**ekko**<sup>®</sup>  
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# Corinthian

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## Design

Two ridge sizes available -  
70mm and 25mm

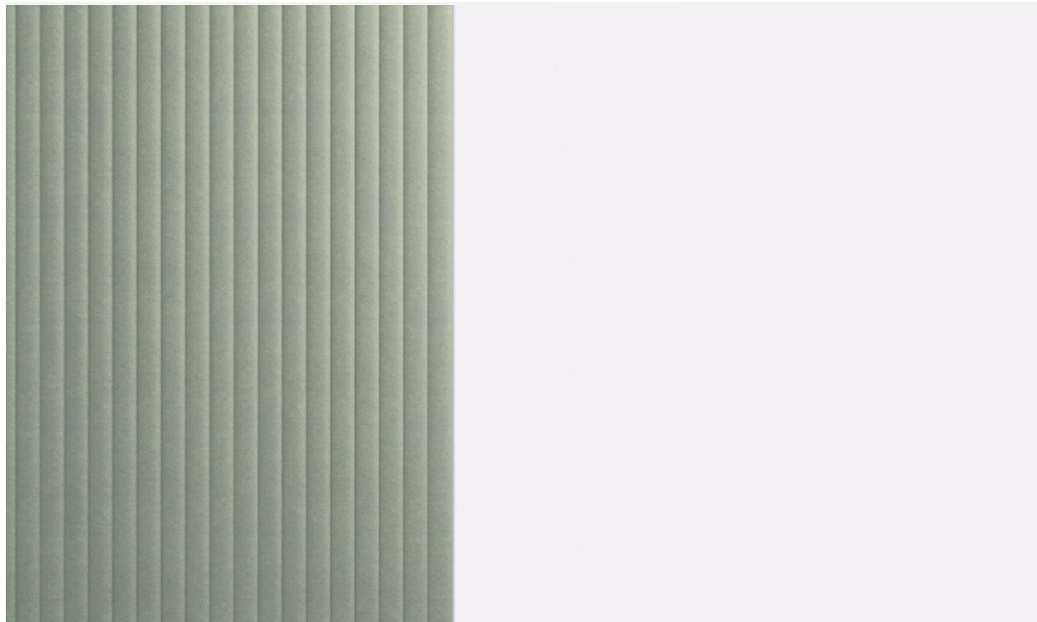
PET felt with 75% recycled  
post-consumer waste.

Designed for continuous  
vertical installation

9 colour options

Made in Britain

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EGA/2740/70/8/\*\*\*/E

70mm ridges - 2740 x 1110 x 8mm

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EGA/2740/25/8/\*\*\*/E

25mm ridges - 2740 x 1200 x 8mm

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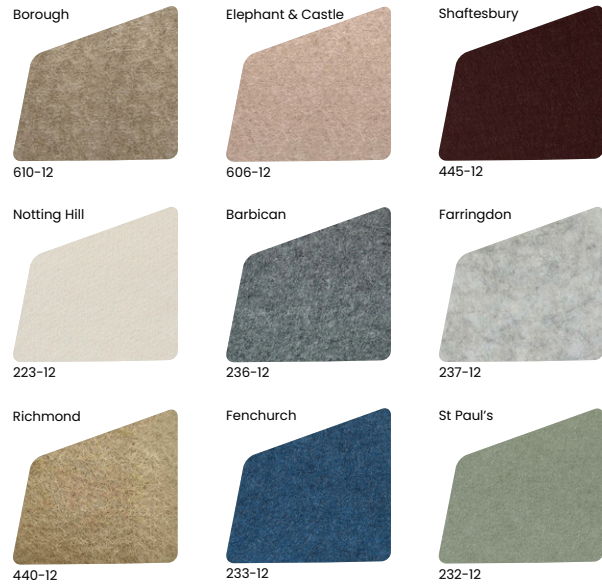
\*\*\* Colour

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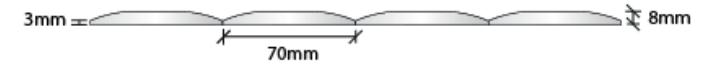
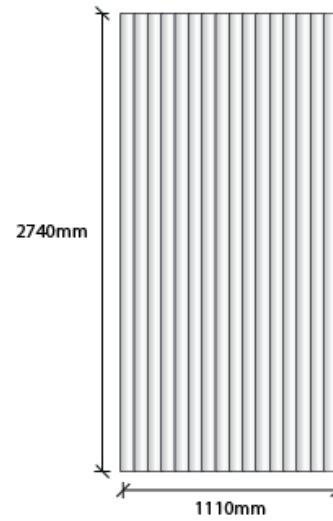
To specify felt colour replace \*\*\* with colour preferred colour code on the next page.

# London Collection

8mm - 2740 x 1110mm or 2740 x 1200



The London collection acoustic material is made from 75% post-consumer waste.

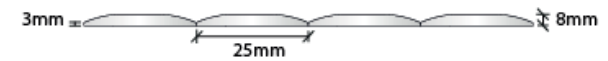
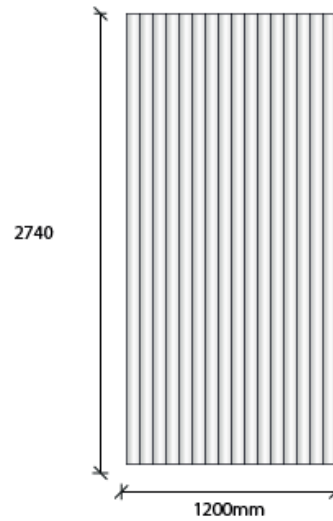


Ridged panels are designed for continuous vertical installation

Align panels side-by-side with consistent spacing or tight butt joins

Begin installation from the most prominent wall or central feature to maintain visual balance

If installing around corners, start from the corner and work outwards to retain pattern flow



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Acoustic Test Results for PET Sheet - ekkofelt™ by ekko®  
 Tests conducted by the University of Salford Acoustic Test Laboratory on  
 11th July 2023 Tests conducted in accordance with BS EN ISO 354: 2003  
 (Measurements of Absorption in Reverberation Room)

Thickness	Result Type	No Air Gap	50mm Air Gap	100mm Air Gap	200mm Air Gap
9mm	aw rating 0.250.650.9	0.25	0.65	0.9	0.9
	Absorption ClassECA	E	C	A	A
	as coefficient @ 2000 Hz0.70.950.85*	0.7	0.95	0.85*	0.95
	SAA rating - NRC Replacement0.320.720.85	0.32	0.72	0.85	0.9
12mm	aw rating 0.250.650.9	0.25	0.65	0.9	0.95
	Absorption ClassECA	E	C	A	A
	as coefficient @ 2000 Hz0.70.950.85*	0.85	1.00	1*	1.00
	SAA rating - NRC Replacement0.320.720.85	0.41	0.76	0.87	0.92
18mm	aw rating 0.250.650.9	0.45	0.8	0.95	1
	Absorption ClassECA	D	B	A	A
	as coefficient @ 2000 Hz0.70.950.85*	1	1	1	1
	SAA rating - NRC Replacement0.320.720.85	0.6	0.84	0.91	0.95
24mm	aw rating 0.250.650.9	0.5	0.85	1	1
	Absorption ClassECA	D	B	A	A
	as coefficient @ 2000 Hz0.70.950.85*	1	1	1	1
	SAA rating - NRC Replacement0.320.720.85	0.7	0.89	0.94	0.97

University of Salford test procedure is strictly conducted in accordance with BS EN ISO 354. Full test measurement report available on request.

aw (alpha weighted) rating has been calculated in accordance with BS EN 11654:1997 (sound absorbers for use in buildings)

BS EN 11654:1997 includes a table for expressing aw values as a single letter e.g. Absorption Class

as rating is the absorption coefficient at a particular frequency

SAA ratings are an American standard, widely used as a simple rating of absorption performance. Replaces previously titled NRC testing as coefficient affected by resonance during test at this frequency & air gap dimension, marked by \*

V1: Test data collated from source test results.  
 V2: Test results produced by University of Salford 11th July 2023.



Notes:

Frequencies (Hz) range of 125 to 5000Hz  
 Class of absorption in accordance with BS EN ISO 11654:1997  
 Average frequency of adult speech  
 American Standard (Sound Absorption Coefficient), replaces  
 NRC rating

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PET Felt panels are used for acoustic solutions in ceilings, walls, and lighting.  
Can be shaped and cut to designs for architectural soundscaping.

Key features Include:

- OEKO-TEX Standard 100 - Declaration of conformity EN ISO 170050-1.
- Manufactured using a minimum of 75% post-consumer recycled material.
- Excellent acoustic performance.
- 0% Formaldehyde binders in our ekkofelt™ Products.
- Non-toxic, non-irritant, and non-allergenic.
- Extensive range of colours.
- Manufactured and stocked in the UK.

## SPECIFICATION

Panel Composition: 100% PET (75% Post Consumer Recycled Waste and Polyester Felt)

Dimension : 2740 x 1200mm (+/- 3mm)

Thickness: 8mm (+/-0.5mm)

Weight: 8kg

Colours: 9 Colours Available

Melting Point: 250°C Max. Recommended Service Temp: 80°C

## SOUND ABSORPTION

aw 0.25 (0mm air gap)

Class E. 0.65 (50mm air gap)

Class C. 0.90 (100mm air gap)

Class A. 0.95 (200mm air gap)

NRC: 0.45 (0mm air gap) 0.85 (50mm air gap)

Fire retardant: EN 13501-1: 2018 Classification B-s1, d0 P

## ENVIRONMENTAL

ekkofelt™ PET is manufactured using a minimum of 57% post-consumer recycled content (PET plastic bottles).

## HAZARDS IDENTIFICATION

Non-hazardous and non-dangerous goods.

## CHEMICAL ENTITY

Polyester Fiber from PET (Polyethylene Terephthalate).

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