

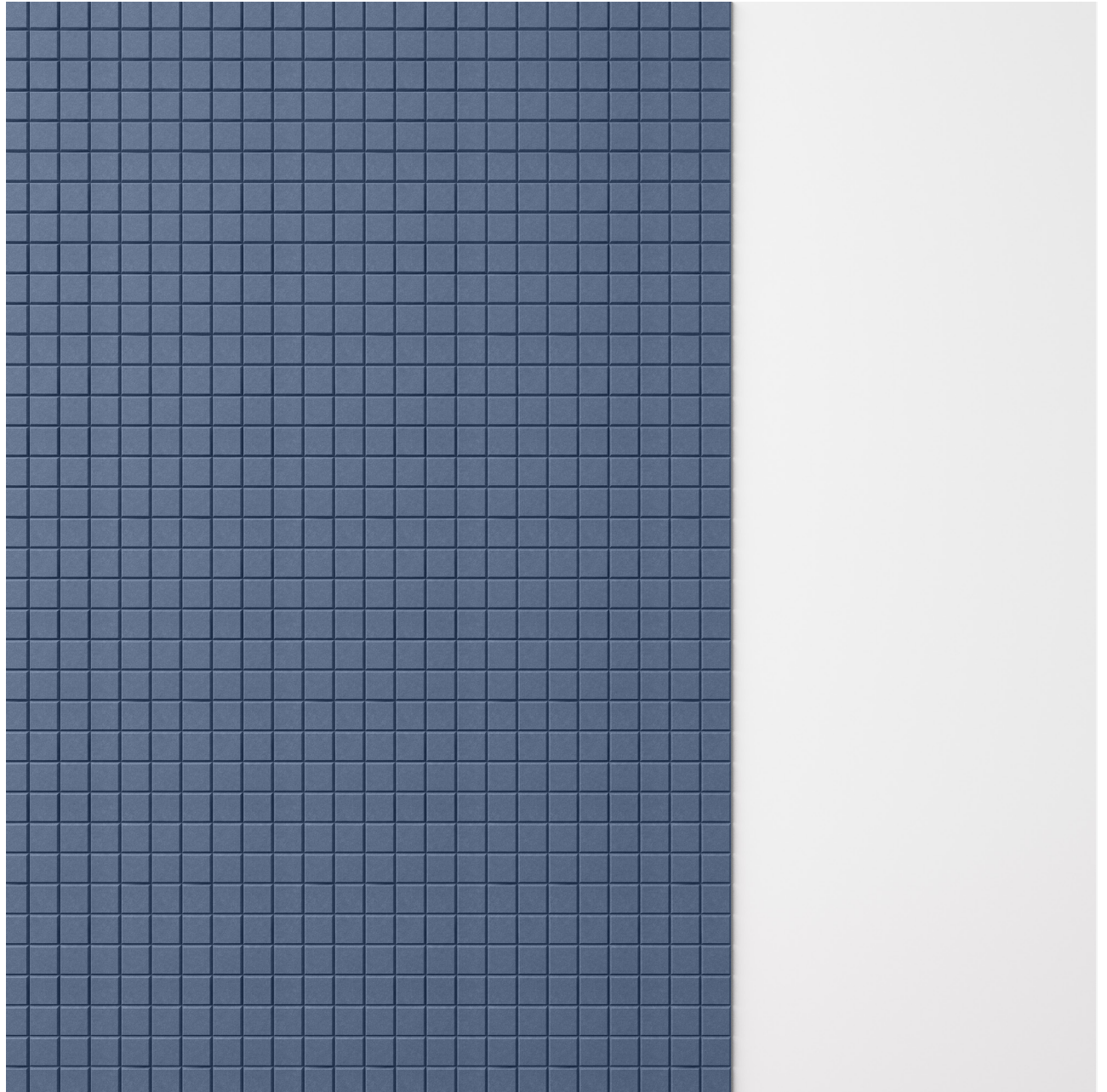
squares

ekkofelt® Groove Squares Panel

Designed for interior collaborative spaces, this PET acoustic wall tile offers great sound absorption.

Offering a sustainable solution for acoustic improvement. Ideal for making a feature wall which will stand out in any space.

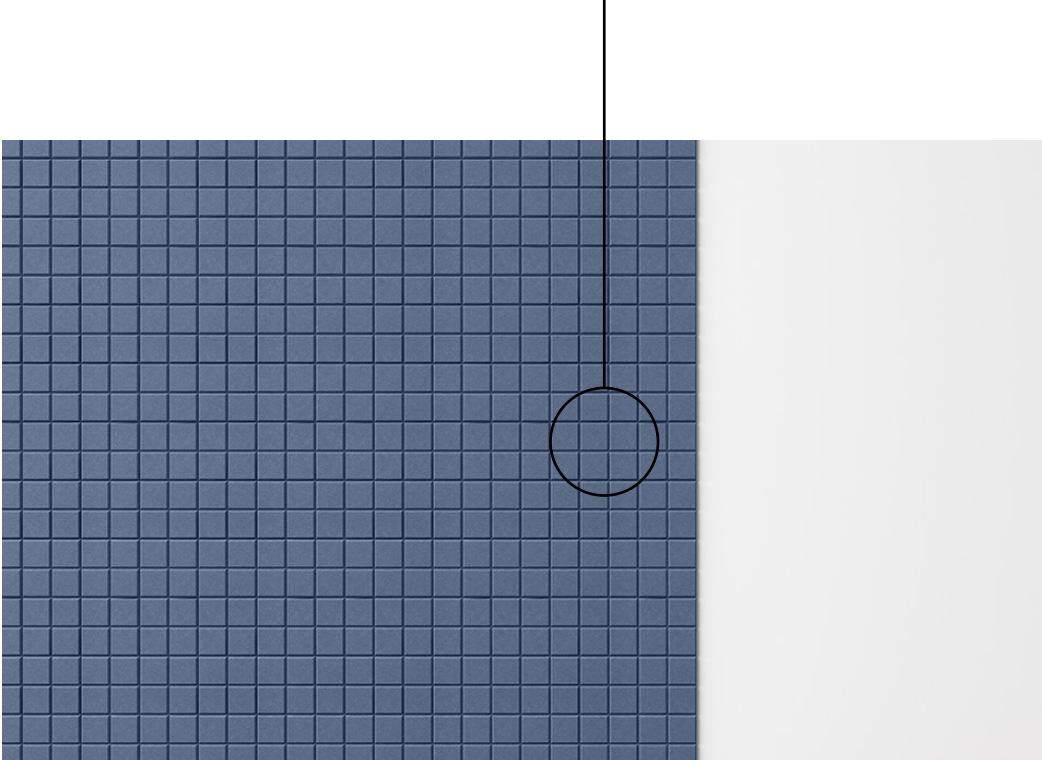
Creating Quiet through architectural acoustic solutions.



ekko®
ekkoacoustic.com



squares

Design	Available with deep grooves or shallow grooves	PET felt with 50% recycled post-consumer waste.	Bespoke options available	Range of colour options	Range of panel sizes
					
				EGSQ/2412/9/***/DG	2400 x 1200 x 9mm - Deep Groove 7 deep x 14mm wide
				EGSQ/2412/9/***/SG	2400 x 1200 x 9mm - Shallow Groove 3 deep x 6mm wide
				EGSQ/2412/12/***/DG	2400 x 1200 x 12mm - Deep Groove 7 deep x 14mm wide
				EGSQ/2412/12/***/SG	2400 x 1200 x 12mm - Shallow Groove 3 deep x 6mm wide
				EGSQ/2812/9/***/DG	2800 x 1200 x 9mm - Deep Groove 7 deep x 14mm wide
				EGSQ/2812/9/***/SG	2800 x 1200 x 9mm - Shallow Groove 3 deep x 6mm wide
				EGSQ/2812/12/***/DG	2800 x 1200 x 12mm - Deep Groove 7 deep x 14mm wide
			EGSQ/2812/12/***/SG	2800 x 1200 x 12mm - Shallow Groove 3 deep x 6mm wide	

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

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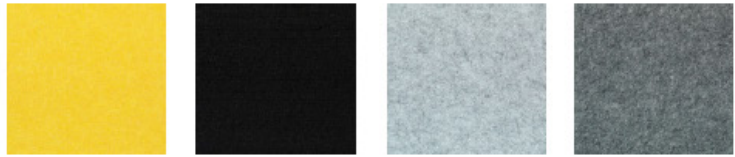
Colour Options LONDON COLLECTION



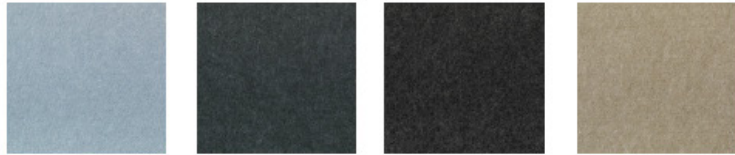
Wimbledon 201-09 Serpentine 202-09 Buckingham 203-09 Downing 204-09



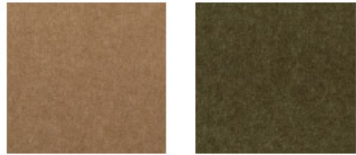
Camden 205-09 Finsbury 206-09 Olympia 207-09 City 208-09



Southbank 209-09 Lloyds 210-09 Marble Arch 211-09 Milner 212-09



Shard 213-09 Trafalgar 214-09 Bank 215-09 Senate 216-09



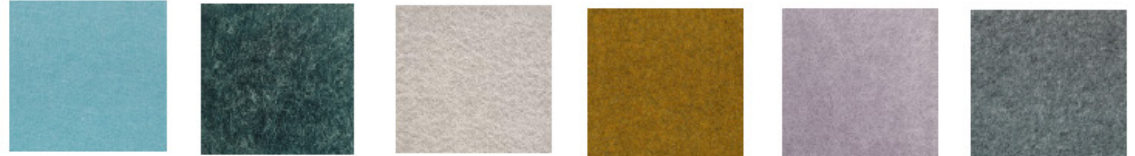
Battersea 217-09 Shoreditch 218-09

ekkofelt®
9-18 mm

*18mm consist of x2 bonded 9mm ekkofelt sheets, using specialist glue to avoid a reduction in the acoustic efficiency.



Portobello 219-12 Canary Wharf 231-12 Notting Hill 223-12 St Giles 230-12 Buckingham 203-12 Marble Arch 211-12



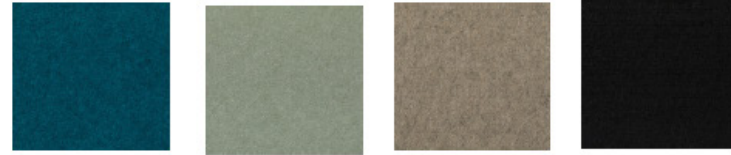
Lido 224-12 Kew 239-12 Hammersmith 509-12 Sloane 225-12 Holland Park 441-12 Barbican 236-12



Southwark 234-12 Primrose Hill 222-12 Farringdon 237-12 Kings Cross 227-12 Chelsea 220-12 Piccadilly 235-12



Fenchurch 233-12 Thames 229-12 Richmond 440-12 Hamleys 221-12 Whitehall 438-12 Bank 215-12



Greenwich 226-12 St Pauls 232-12 Mews 228-12 Lloyds 210-12

*24mm consist of x2 bonded 12mm ekkofelt sheets, using specialist glue to avoid a reduction in the acoustic efficiency.

ekkofelt®
12-24 mm

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Colour Options EURO COLLECTION

ekkofelt® PET Felt panels absorb sound and reduce echo, they are manufactured from 57% compressed and shredded recycled plastic bottles and 43% polyester felt to make a highly sustainable and acoustic diverse material.

***Please note the colours are photographic representations and would advise seeing a sample of the actual colour.**



36 FRENCH COTTON

12mm thick
2820mm x 1220mm



32 DELTA BLUE

12mm thick
2820mm x 1220mm



22 IBERIAN EUCALYPTUS

12mm thick
2820mm x 1220mm



60 DUTCH PEBBLE

12mm thick
2820mm x 1220mm



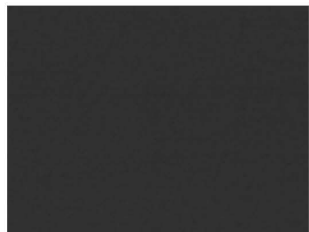
61 TEXEL SAND

12mm thick
2820mm x 1220mm



57 FRENCH WOOL

9mm thick
2820mm x 1220mm



87 CARBON BLACK

12 & 9mm thick
2820mm x 1220mm



99 ICE WHITE

12mm thick
2820mm x 1220mm



50 NORDIC STONE

12 & 9mm thick
2820mm x 1220mm



70 RIVER ROCK

12 & 9mm thick
2820mm x 1220mm



58 POMPEII MARBLE

9mm thick
2820mm x 1220mm



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

squares

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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 Average frequency of adult speech

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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 50% post-consumer recycled material.
- Limitless branding and design possibilities with in-house custom cutting.
- 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 (50% Post Consumer Recycled Waster 50% Polyester Felt) Panel

Dimension : 2800mm (+/- 3mm) x 1200mm (+/- 3mm)

Thickness: 12mm (+/-0.5mm)

Weight: 8kg per Panel Material

Colours: 22 Colours in Stock / 75 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 50% 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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