



V-Cut Acoustic PET Felt Wall Panels

PRODUCTS SHEET





Acoustic V-Cut Wall Panel

Acoustic V-cut Wall Panel introduce striking visual depth to ARKETA acoustic sheets, offering both aesthetic refinement and effective acoustic performance in sound-sensitive environments.

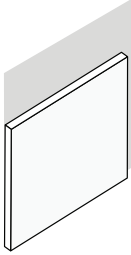
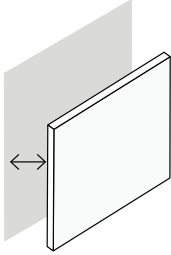
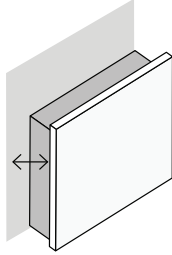
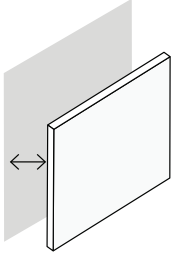
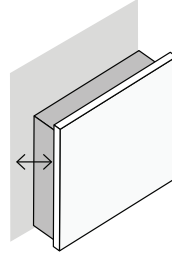
Expanding the ARKETA pattern collection, V-cut panels features elegant, curvilinear designs that connect seamlessly- enabling nearly limitless design combinations tailored to any space.

Designed for easy installation, V-cut panels allow for continuous pattern alignment across large surfaces, making them ideal for full-wall applications that demand both acoustic control and architectural impact.

SPECIFICATIONS

COMPOSITION	ARKETA: 60% Recyled Polyester (PET) (100% Pes) ARKETA ECOCO: 100% Recyled Polyester (PET)
THICKNESS & WEIGHT	9mm (±0.5mm) 1100 g/m ² – 2000 g/m ² (±10) 12mm (±0.5mm) 2400 g/m ² (±10) 18mm (±0.5mm) 3000 g/m ² (±10) 24mm (±0.5mm) 3500 g/m ² (±10) ICHOS: 9mm (±0.5mm) 1500 g/m ² – 1800 g/m ² + 200 g/m ² (±10) ICHOS: 12mm (±0.5mm) 1800 + 200 g/m ² (±10)
ACOUSTIC	NRC: 0.30 (9mm) (no air gap), NRC: 0.45 (12mm) (no air gap) NRC: 0.85 (12mm) (20cm gap) NRC: 0.85 (18mm) (20cm gap) NRC: 0.90 (24mm) (20cm gap)
FIRE RETARDANT	EN 1021 - 1 (cigarette) EN 13501-1 (SBI) Adhered Class B-s1,d0
ENVIRONMENT	Non VOCs emission formaldehyde free and Phenol-free OEKO-TEX Class 1, Phthalate Free
LIGHT FASTNESS	4+ (ISO 105 - B02)
CLEANNING	Vacuum regularly. Professionally dry clean or wipe clean with a dampcloth.

Acoustic Properties

Mounting method					
	Directly on the wall	50mm cavity	50mm cavity + 500mm low density felt	100mm cavity	100mm cavity + 100mm low density felt
NRC	0.30	0.65	1.00	0.80	1.00
α_w	0.25	0.50	1.00	0.85	1.00

NRC = Noise reduction coefficient
 α_w = Sound absorption coefficient

Key Features



ACOUSTIC



FIRE RATED



INSULATION



RESISTANT



RECYCLED



ECO-FRIENDLY



TACKABLE



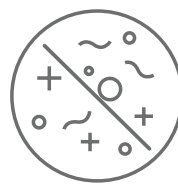
PRINTABLE



LIGHT WEIGHT



VOC - FREE



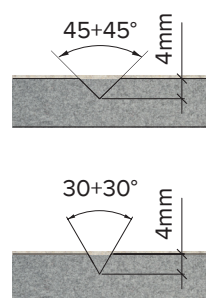
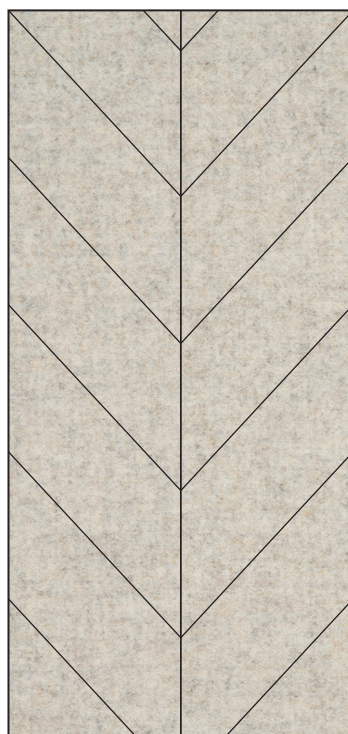
ANTIBACTERIAL



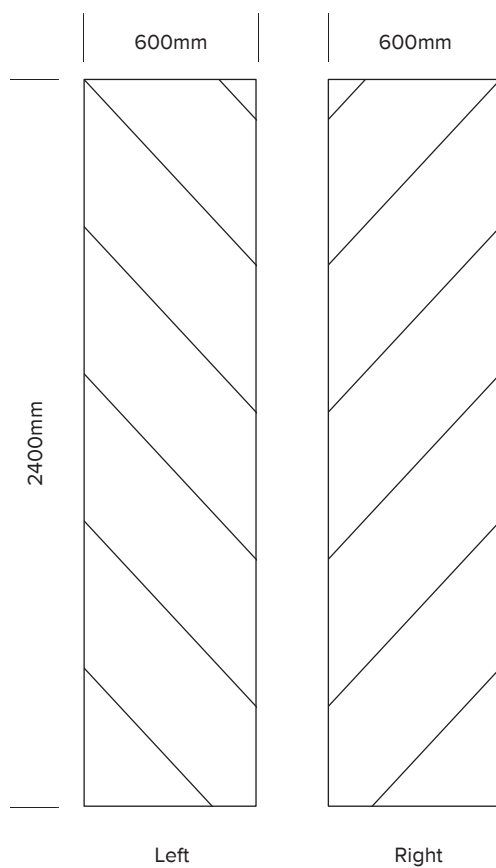
EASY TO CLEAN



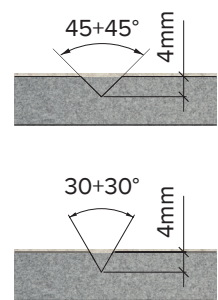
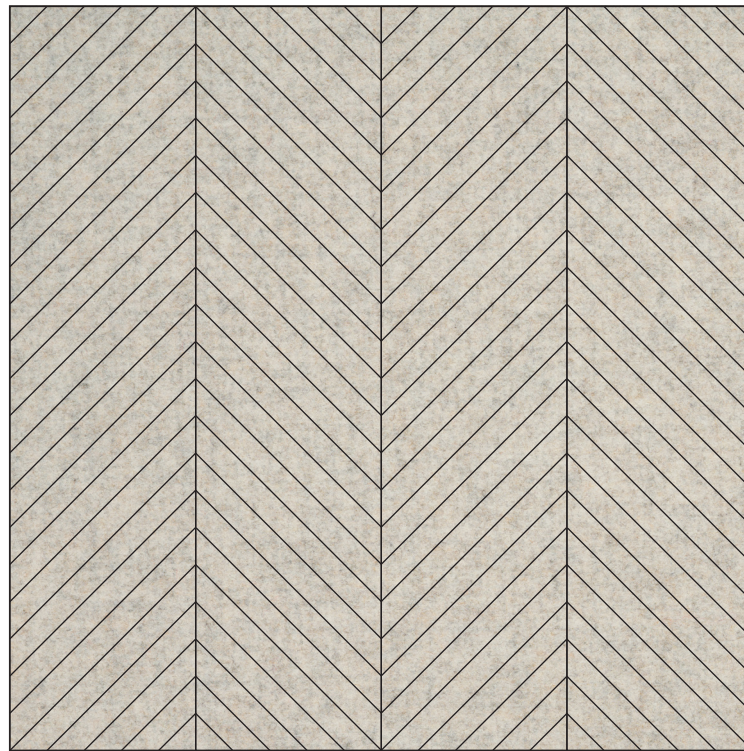
V-Cut Panel Pattern



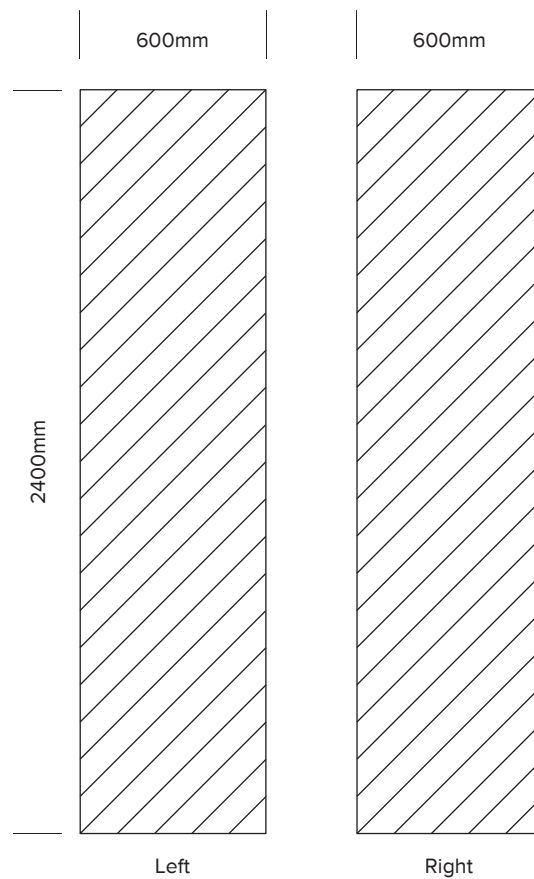
Pattern 01



Thickness:
9mm, 12mm



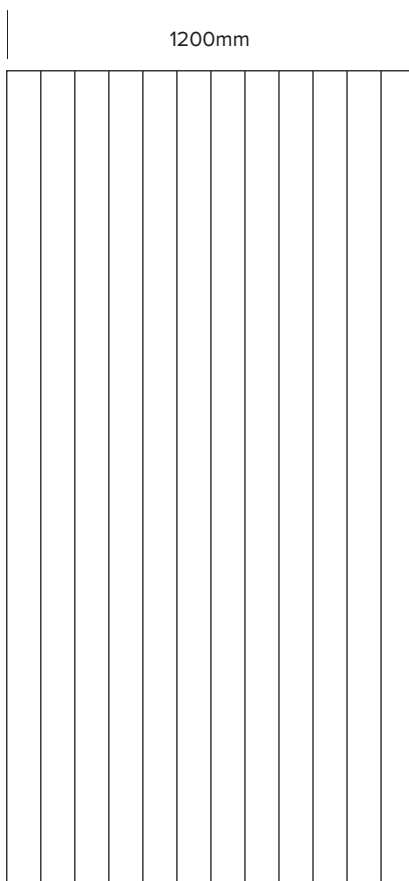
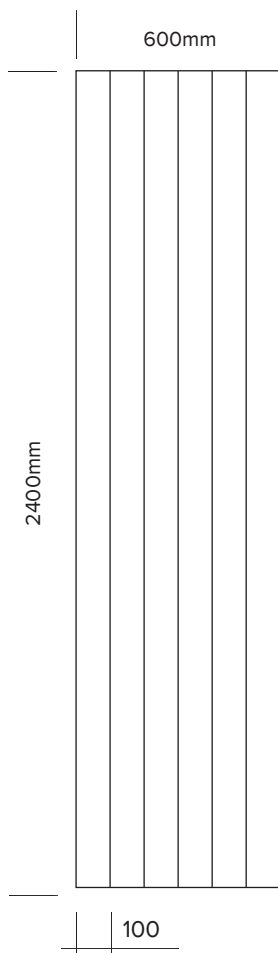
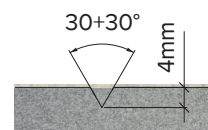
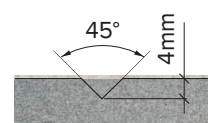
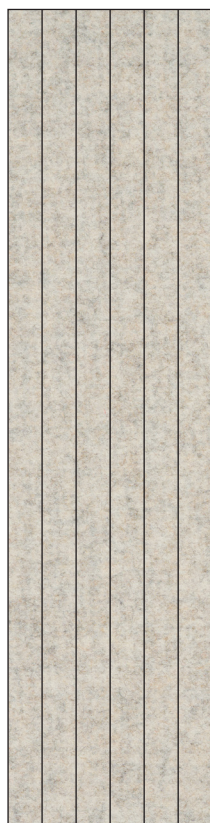
Pattern 01



Thickness:
9mm, 12mm

V-Cut Panel Pattern

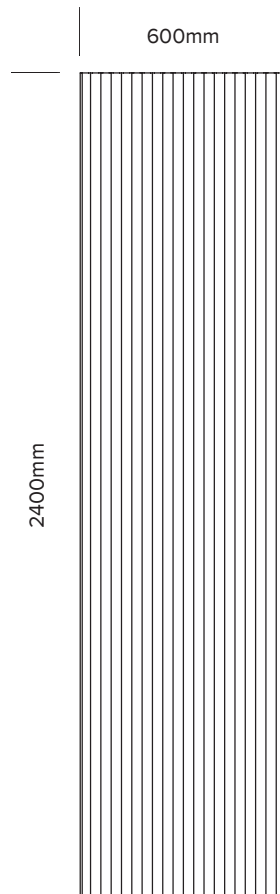
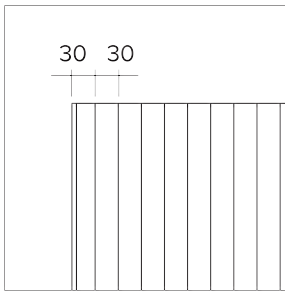
VGP-03



Thickness:
9mm, 12mm



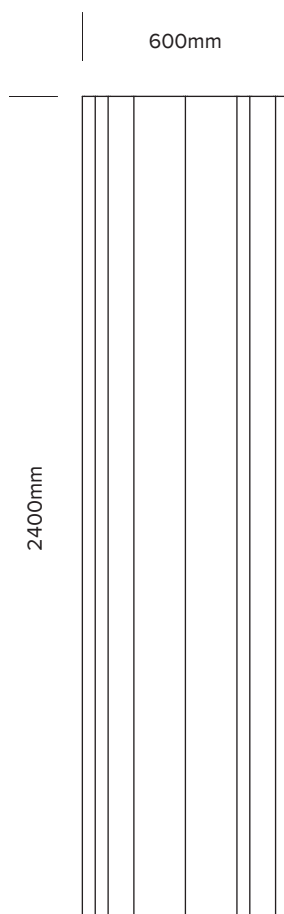
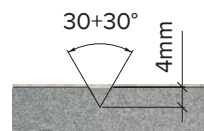
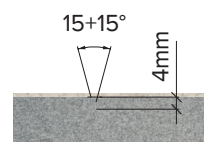
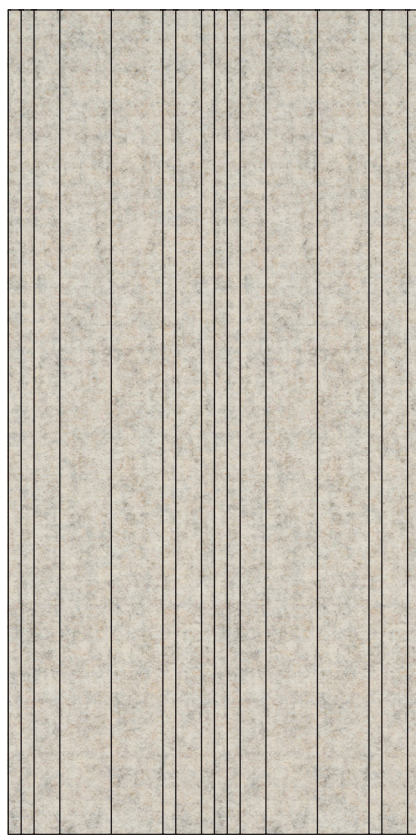
VGP-04



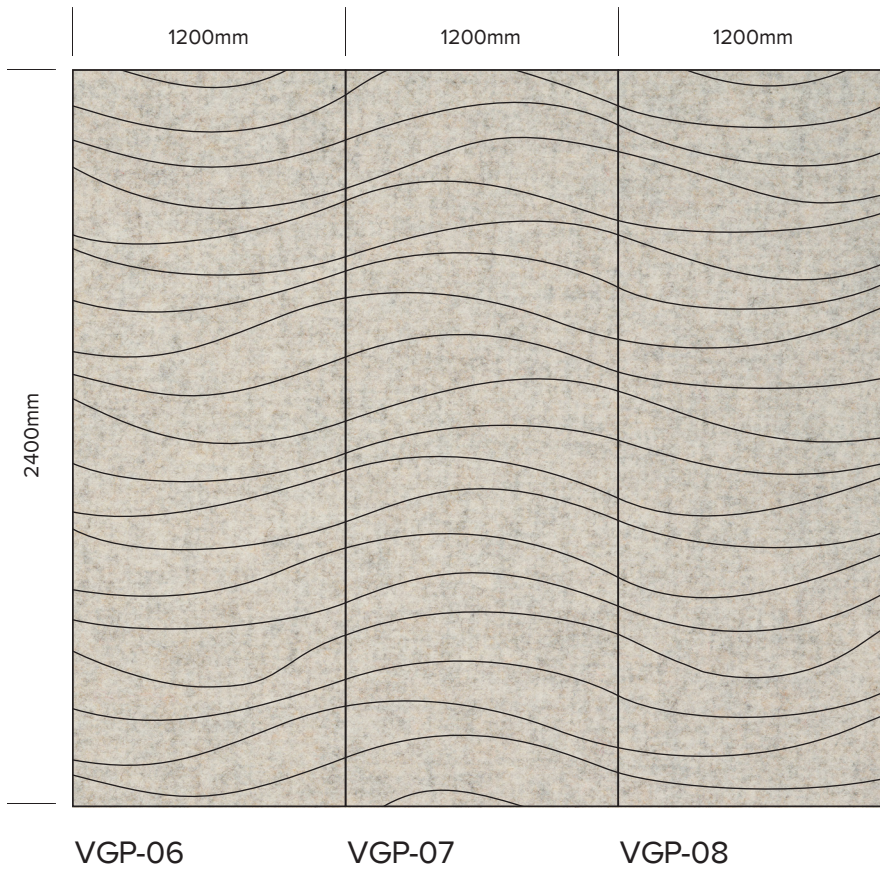
Thickness:
9mm, 12mm

V-Cut Panel Pattern

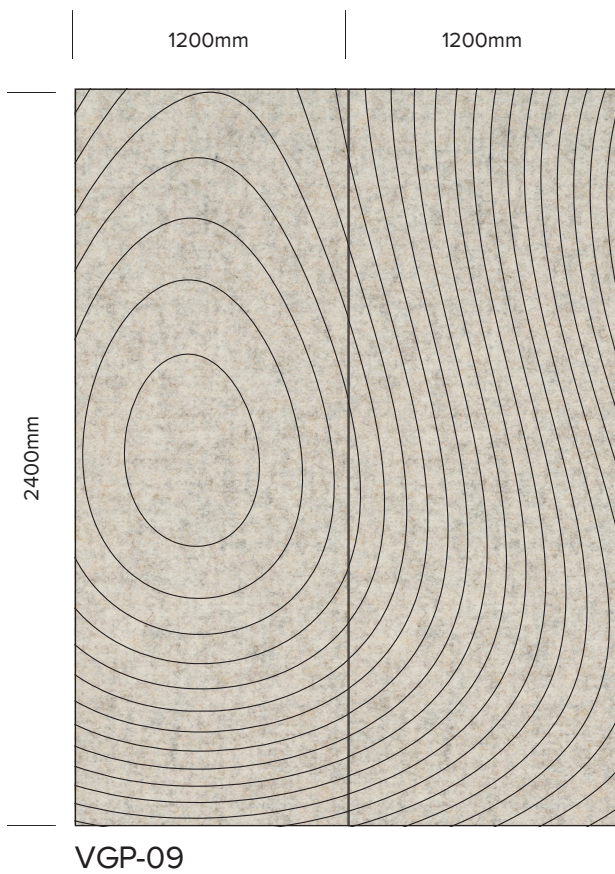
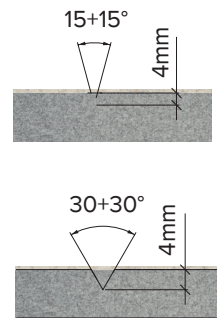
VGP-05



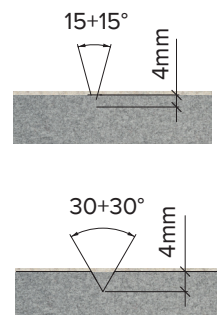
Thickness:
9mm, 12mm



Thickness:
9mm, 12mm



Thickness:
9mm, 12mm



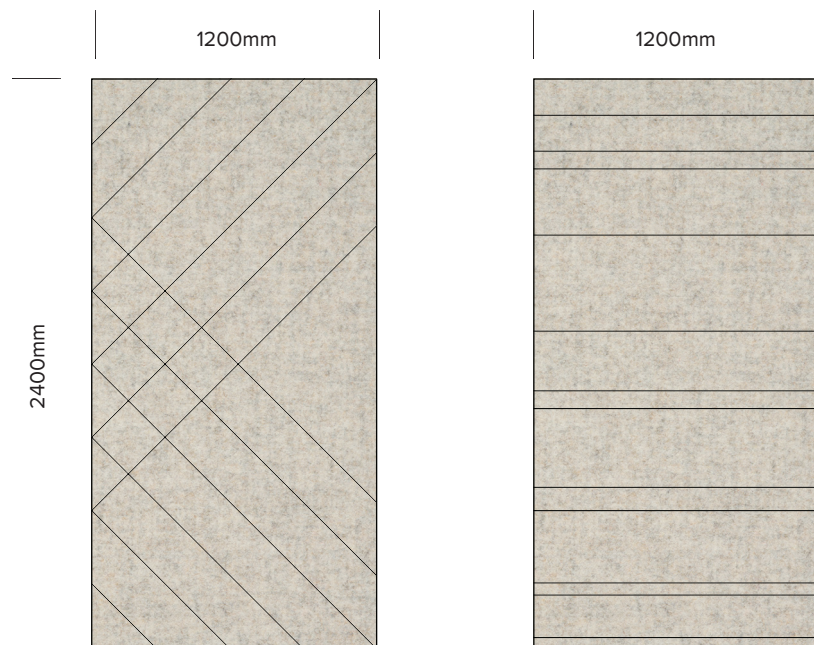
V-Cut Panel Pattern



VGP-10

VGP-11

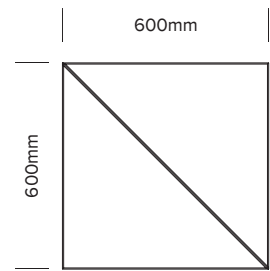
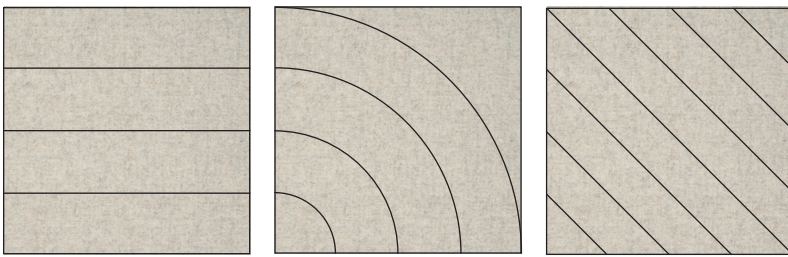
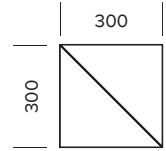
VGP-12



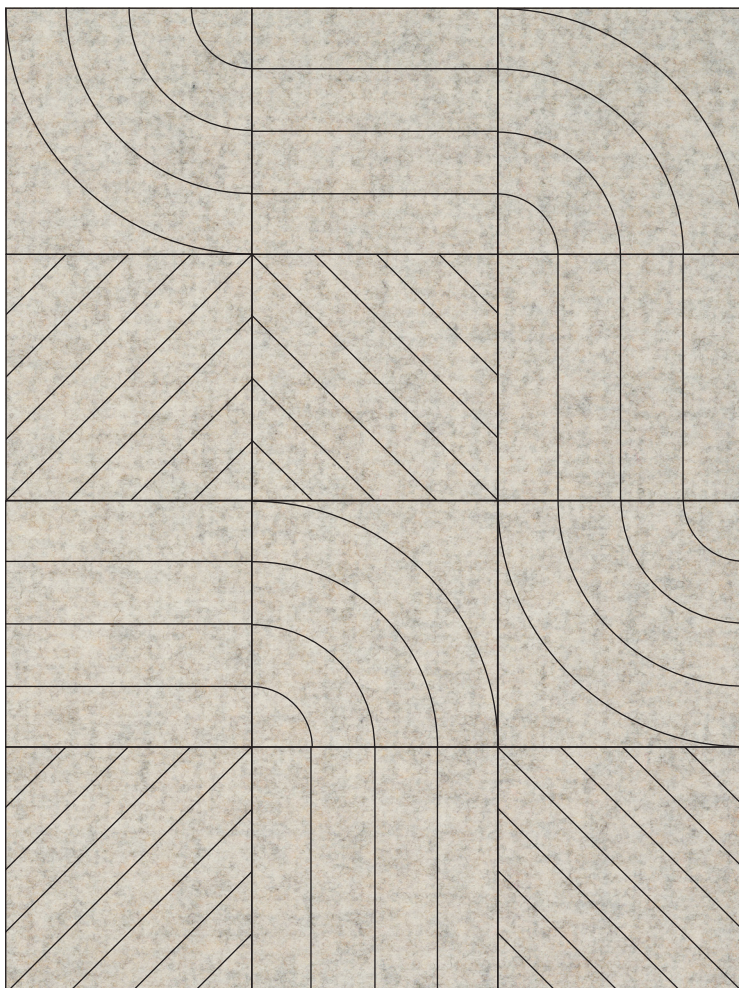
VGP-13

VGP-15

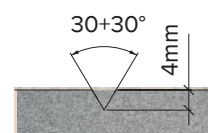
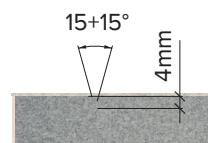
Thickness:
9mm, 12mm



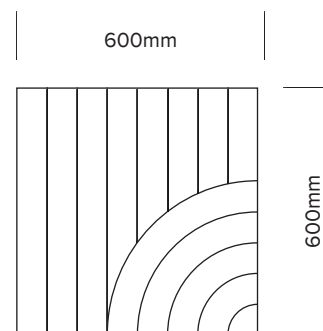
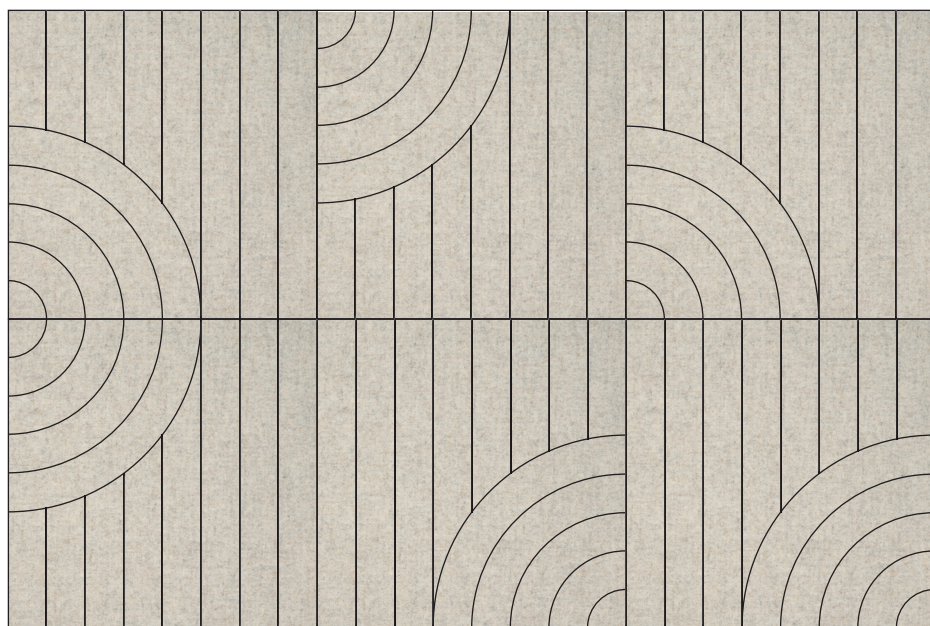
Thickness:
9mm, 12mm



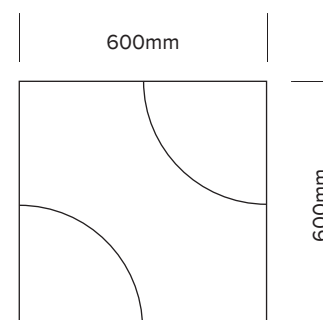
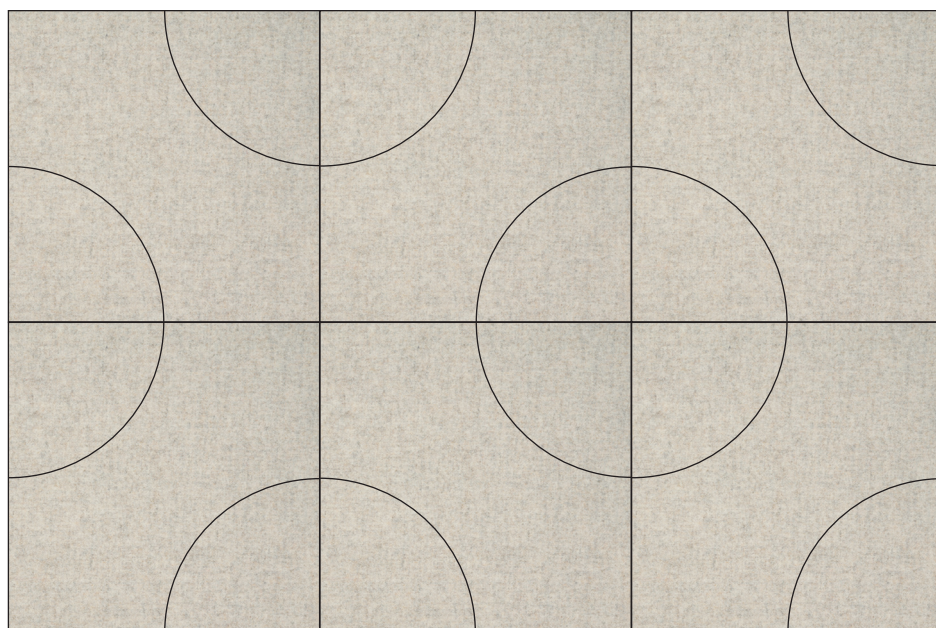
VGP-16



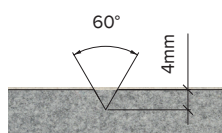
V-Cut Panel Pattern



VGP-17



VGP-18



V-cut detail

PET Felt Processing Techniques

V-cut

V-grooves are cut 4.5mm deep as standard



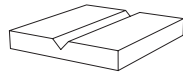
V-cut 15 degrees



V-cut 22.5 degrees



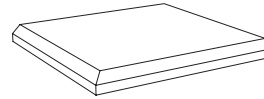
V-cut 30 degrees



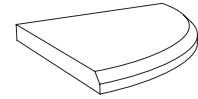
V-cut 45 degrees

Bevel-cut cutting

This is cut at 45 degrees to half the plate thickness



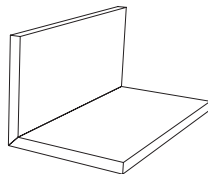
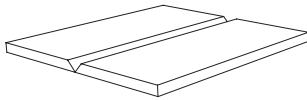
Straight bevel finish gives straight corners



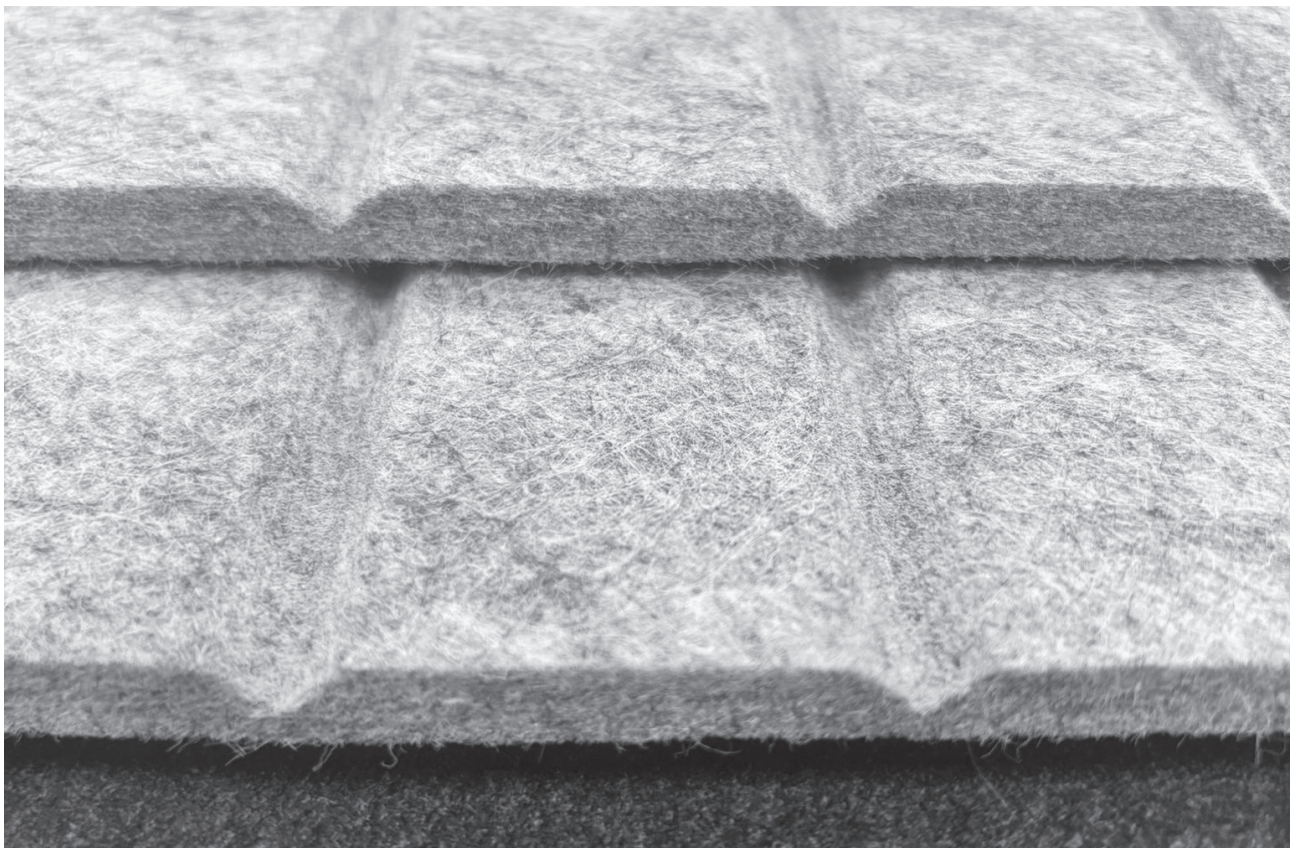
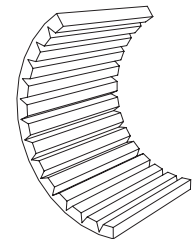
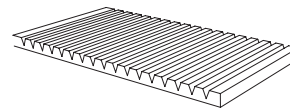
Round facet finish only for radii greater than 100mm

Folding 90 degrees

45 degree V-cut is used as standard.



Bending



ARKETA | PET FELT COLLECTIONS



Arketa R-1 Camel



Arketa R-2 Caramel



Arketa R-3 Tangerine



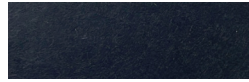
Arketa R-4 Warm Red



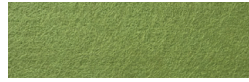
Arketa R-5 Forest Green



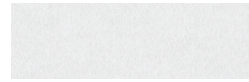
Arketa R-6 Cobalt Blue



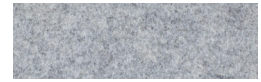
Arketa R-7 Charcoal Grey



Arketa R-8 Lawn Green



Arketa R-9 White



Arketa R-10 Light Grey



Arketa R-11 Dark Grey

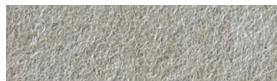


Arketa R-12 Black

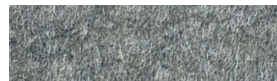


Arketa R-13 Misty Black

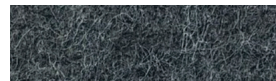
ARKETA ECOCO | PET FELT COLLECTIONS



Arketa Ecoco-01 Antique White



Arketa Ecoco-02 Light Grey



Arketa Ecoco-03 Grey



Arketa Ecoco-04 Dark Grey

PRINT FELT | PET FELT COLLECTIONS

WOOD



FP-01



FP-02



FP-03



FP-04



FP-05



FP-06



FP-07

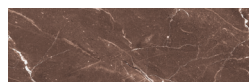


FP-08

MARBLE



FP-09



FP-10



FP-11



FP-12



FP-13



FP-14



FP-15

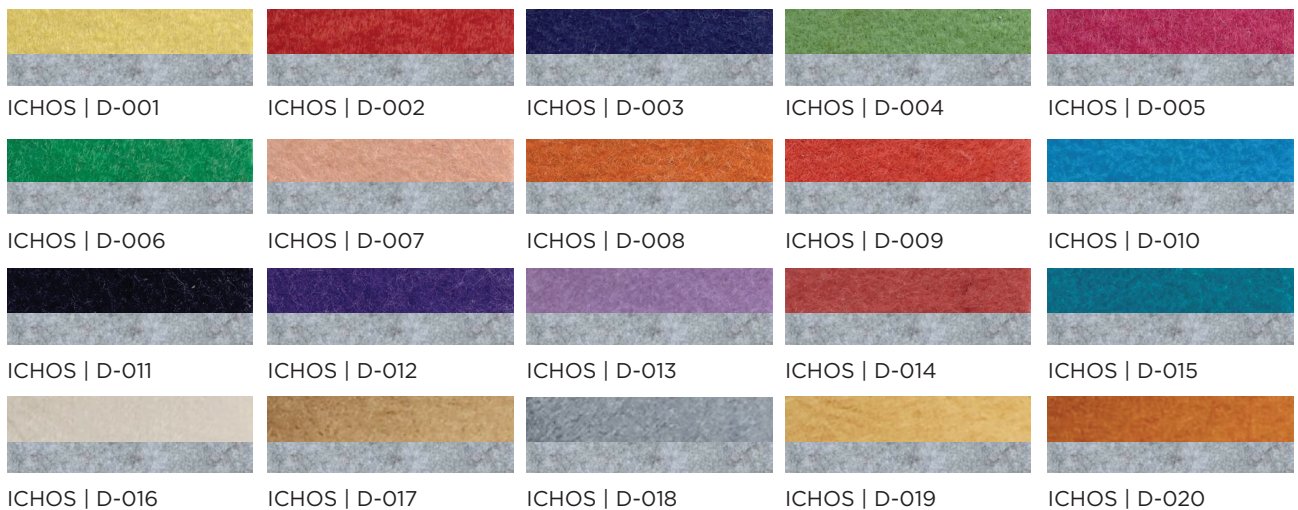


FP-16

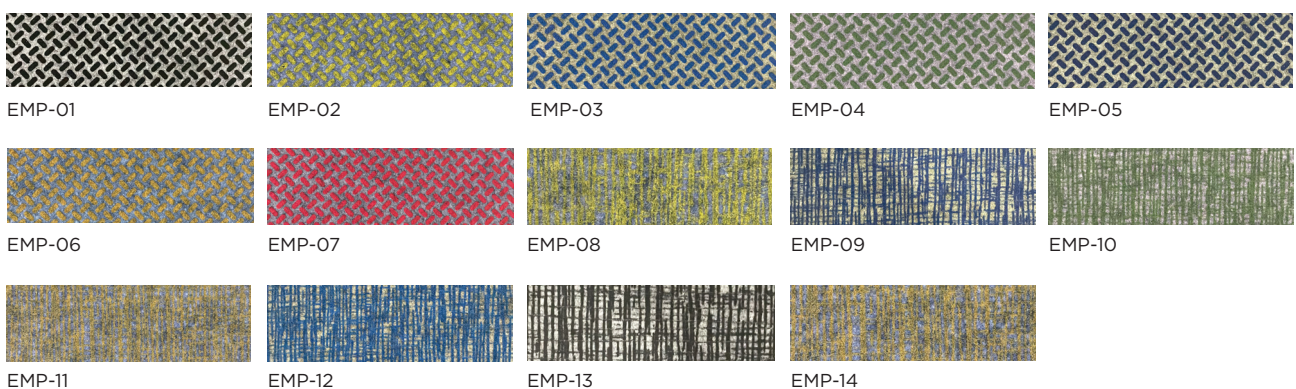
ICHOS HEATHERED | PET FELT COLLECTIONS



ICHOS FLAT | PET FELT COLLECTIONS



3D TEXTURE PRINTED | PET FELT COLLECTIONS





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