

3D Modular Acoustic Wall PET Felt Panel

PRODUCTS SHEET



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Each model features recesses, moulded forms, and varying thicknesses. Whether classic or contemporary, these design elements create an acoustic surface that enhances walls and adds a personal touch to any space.

Crafted from 9mm PET compact felt boards, the panelling designs incorporate intricate architectural forms composed of layered and overlapping geometric shapes across three alternating levels. The variety in layouts results in distinctive models, each revealing unique patterns when illuminated. These 3D wall structures, with their varying depths and contours, are specifically engineered to improve sound absorption and effectively manage acoustic vibrations within your environment.

Customize the layouts and create decorative compositions that complement the style and architecture of your space. The raised sections and recesses within each model are designed to optimize the panel's sound absorption capabilities.

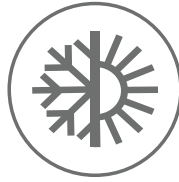
Key Features



ACOUSTIC



FIRE RATED



INSULATION



RESISTANT



RECYCLED



ECO-FRIENDLY



TACKABLE



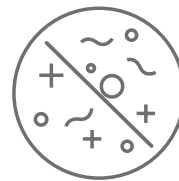
PRINTABLE



LIGHT WEIGHT



VOC - FREE



ANTIBACTERIAL

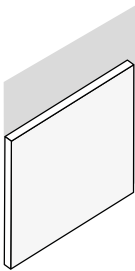
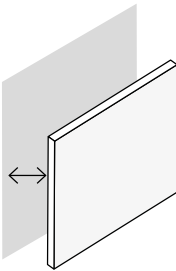
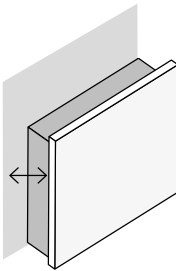
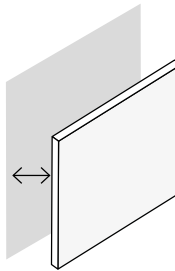
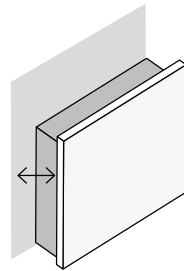


EASY TO CLEAN

SPECIFICATIONS

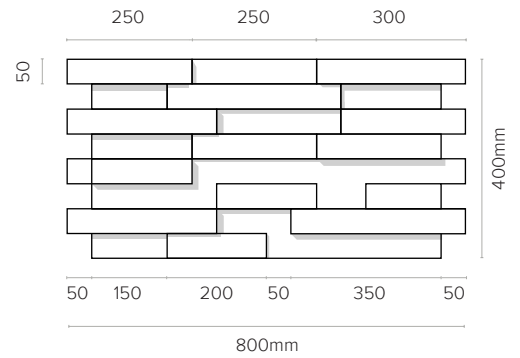
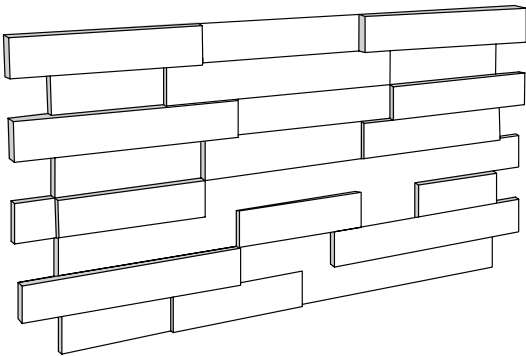
COMPOSITION	ARKETA: 60% Recyled Polyester (PET) (100% Pes) ARKETA ECOCO: %100 Recyled Polyester
THICKNESS & WEIGHT	9mm (±0.5mm) 2000 g/m ² (±10%) 12mm (±0.5mm) 2400 g/m ² (±10%) 18mm (±0.5mm) 3000 g/m ² (±10%) 24mm (±0.5mm) 3700 g/m ² (±10%)
ACOUSTIC	NRC: 0.45 (12mm) (no air gap) NRC: 0.85 (12mm) (20 cm air gap) NRC: 0.85 (18mm) (20cm air gap) NRC: 0.90 (24mm) (20cm air 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-TEXtex Class 1, Phthalate Free
LIGHT FASTNESS	4+ (ISO 105 - B02)
CLEANNING	Vacuum regularly. Professionally dry clean or wipe clean with a dampcloth.

Acoustic Properties

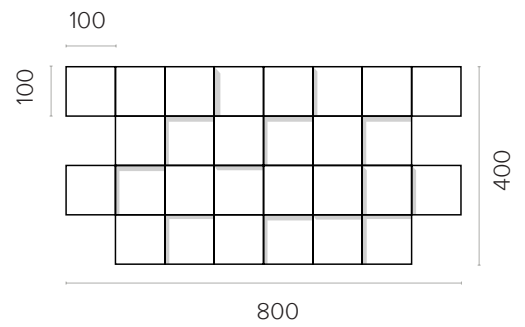
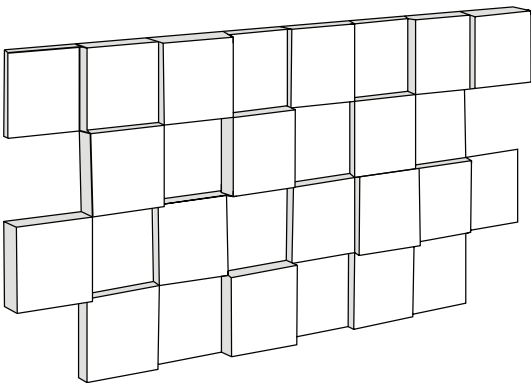
					
Mounting method	Directly on the wall	50mm cavity	50mm cavity + low density felt	100mm cavity	100mm cavity + low density felt
NRC	0.30	0.65	0.80	0.75	0.80
α_w	0.25	0.50	0.85	0.80	0.80

NRC = Noise reduction coefficient
 α_w = Sound absorption coefficient

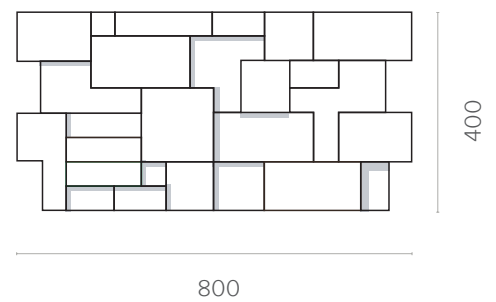
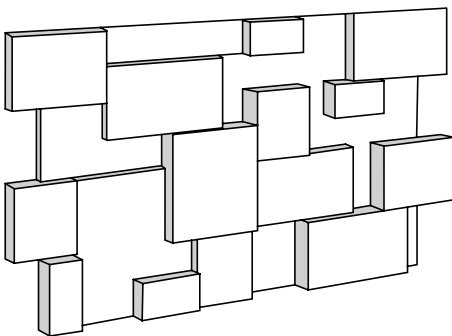
3D Modular Rectangle Model



3D Modular Square Model



3D Modular Mixed Model



ARKETA | PET FELT COLLECTIONS



Arketa R-1 Camel



Arketa R-2 Caramel



Arketa R-3 Tangerine



Arketa R-4 Warm Red



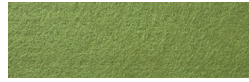
Arketa R-5 Forest Green



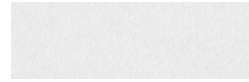
Arketa R-6 Cobalt Blue



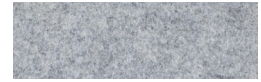
Arketa R-7 Charcoal Grey



Arketa R-8 Lawn Green



Arketa R-9 White



Arketa R-10 Light Grey



Arketa R-11 Dark Grey



Arketa R-12 Black

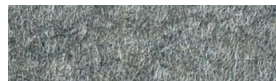


Arketa R-13 Misty Black

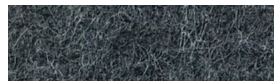
ARKETA ECOCO | PET FELT COLLECTIONS



Arketa Ecoco-01 Antique White



Arketa Ecoco-02 Light Grey



Arketa Ecoco-03 Grey



Arketa Ecoco-04 Dark Grey



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