

ENOCOUSTIC ACOUSTIC PANELS

Acoustic solutions that are
versatile, adaptive, and
provide **endless possibilities**
for your design needs.



COLOUR CHART



Pitch Black



Granite



Lead



Dusky



Marble



Stone Grey



Dove



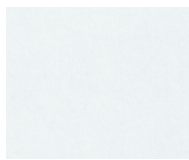
Pebble



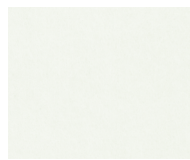
Ivory



Winter Grey



Pure



Eggwhite



Malt



Desert



Oatmeal



Tree Bark



Concrete



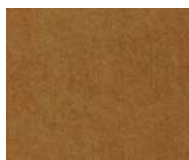
Hazel



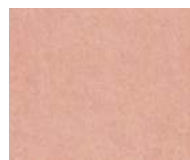
Mustard



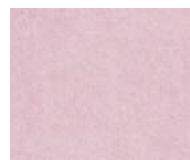
Biscoff



Coffee



Salmon Pink



Flamingo



Lilac



Lavender



Tulip



Violet



Eggplant



Raspberry



Venetian Red



Scarlet



Carrot



Tangerine



Popcorn

Product may vary in colour due to fibre mix, which is an inherent feature of this product.

COLOUR CHART



Green Apple



Spring Green



Moss Green



Limestone



Forest Green



Lake Green



Deep Green



Sapphire



Green Lagoon



Cloud Blue



Teal



Steel Blue



Coral Blue



Patchy Blue



Tuft Blue



Egyptian Blue



Ocean Blue



Denim



Navy Blue



Midnight Blue

Product may vary in colour due to fibre mix, which is an inherent feature of this product.

ASSEMBLE PET

Assemble PET is manufactured through a process which is free from chemicals, binders and adhesives. Made from 100% Polyethylene terephthalate (PET), 50% of its raw materials are recycled post-consumer products such as plastic bottles.

Due to its recycled raw materials and sustainable manufacturing process, Assemble PET is accredited with the Singapore Green Building Product Label.



Product Specifications

Composition	100% polyester fibre (PET)
Thickness	9mm +/- 10%
Weight	2,000gm/m ²
Panel size	1,220mm x 2,440mm
Sound Absorption (ASTM C423-17)	NRC 0.30 (no air gap) NRC 0.65 (50mm air gap)
Thermal Conductivity (ASTM C518)	0.0361 W/m.K
Fire Test (EN 13501-1)	B-s1, d0
TVOC Emission Rate (ASTM D5116)	Non-detected
Formaldehyde Emission Rate (ASTM D5116)	Non-detected
Toxicity Test (BS EN 45545-2)	CIT < 0.75

Absorption Coefficient



FREQUENCY/HZ	125	250	500	1000	2000	4000	NRC
9 mm Panel (no air gap)	0.1	0.04	0.15	0.41	0.68	0.9	0.3
9 mm Panel (50 mm air gap)	0.09	0.29	0.68	0.95	0.95	0.91	0.65

Key Features



Recycled Material

Raw materials consist of recycled post-consumer products e.g. plastic bottles.



Green Material

Sustainable manufacturing process free from chemicals, binders & adhesives.



High Sound Absorption

Helps to dampen noise & promote excellent acoustic performance in comfort.



Anti-rot & Anti-fungi

Able to withstand harsh environment & external weather without rotting.



Low Moisture Absorption

Retains moisture in ambient air & controls humidity by absorbing & emitting less.



Non-flammable

Product will melt & self-extinguish in case of contact with fire.



Fire Regulations

Complies with BS 476 Part 6 & 7 fire requirements under Singapore FSB regulations.



Enovative . Acoustic . Solutions



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