

TELAFFILL PET PANELS


TelaFill PET panels offer an environmentally-conscious option for a TelaScapes project, without having to compromise on sound absorption.

PET (polyethylene terephthalate) is a common plastic, used in beverage containers, packaging, textiles, waterproofing and resins. Its one of the more reusable plastics and in its recycled form has the ideal qualities for acoustic treatment, being both lightweight, dense and highly sound absorbent. PET filler panels are made up of 60% post-consumer PET and are 100% recyclable themselves. As the fibres are fused together through heat-bonding alone, the panels contain no formaldehyde, VOCs, glues or binders. They are also odourless, non-allergenic, and safe to handle without protective equipment.

The high-density panels are impact resistant, inert and durable, meaning they should stand up to years of use without noticeable wear or discolouration.

Chosen to work seamlessly as part of the Primacoustic TelaScapes system, the panels come in convenient 24 x 48" (610 x 1,220mm) or 48 x 96" (1,220 x 1,845mm) versions. They can be used with all thicknesses of TelaScapes track, by simply stacking two panels, for 2" systems where more absorption is needed.

SPECIFICATIONS:

CORE MATERIAL DENSITY	Non-woven and/or thermally bonded and laminated 100% polyester fibre. 6.0 lbs pcf (96 kg/m ³)
EDGE TREATMENT	Untreated
RECYCLED CONTENT	60% post-consumer content. 100% Recyclable
LEED ELIGIBLE	Yes 

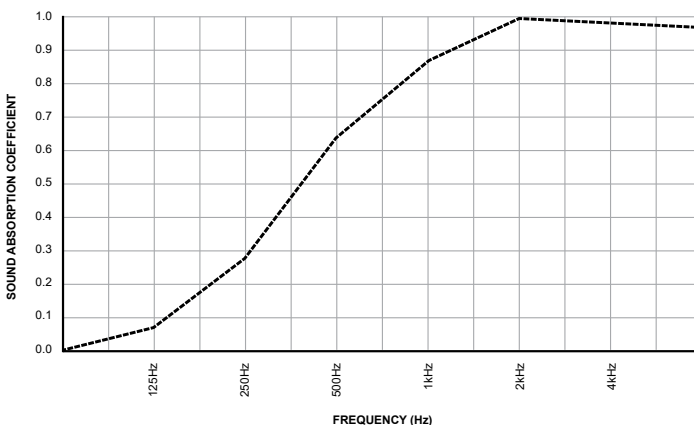
ORDER NO.	DIMENSIONS	THICKNESS	EDGE	WEIGHT / PER	QTY
T101-2448-21	24" x 48" (610 x 1,220mm)	1" (25mm)	Square	4.0 lbs / 1.7 kg	10
T101-4896-21	48" x 96" (1,200 x 1,845mm)	1" (25mm)	Square	4.0 lbs / 1.7 kg	4

ABSORPTION CHARACTERISTICS:*

Sound absorption coefficient data

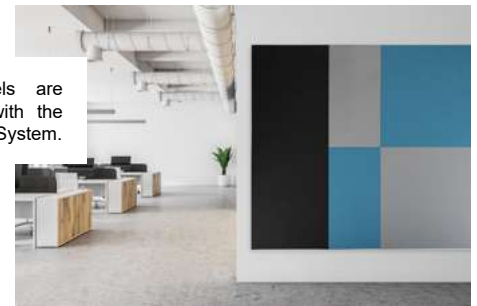
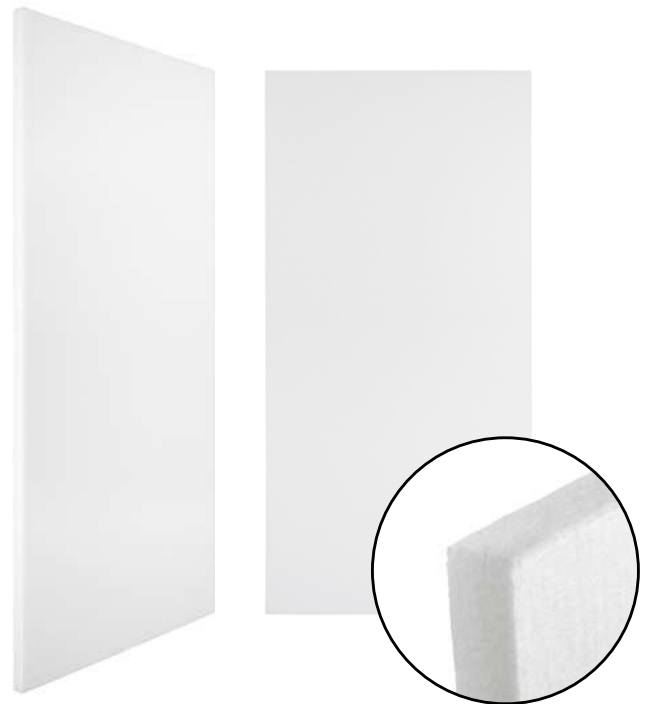
PANEL DEPTH	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" (25mm) Depth	0.07	0.28	0.63	0.87	0.99	0.98	0.70

* The test method conform explicitly with the requirements of the ASTM Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method: ASTM E795-Type A.



FIRE & BURN PERFORMANCE:

COUNTRY	TEST STANDARD	CLASSIFICATION
USA	ASTM E84-09	Class A/1



Primacoustic PET Panels are designed to be used with the TelaScapes Stretch Fabric System.



Panels are easy to cut, offering more flexibility with the TelaScapes design, and quick installation.

White finish means no bleed through to fabric, keeping the design looking as intended.



PET fibres will not shed.