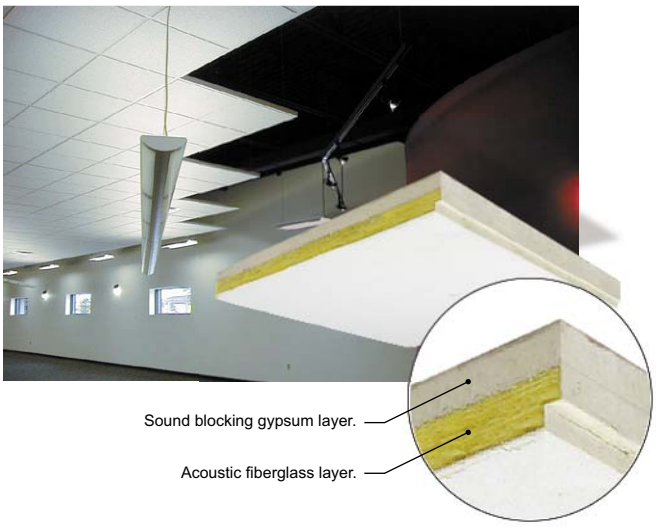
THUNDERTILE™
ACOUSTIC CEILINGS

Primacoustic ThunderTile ceiling panels combine the acoustic absorption of Broadway fiberglass panels with the sound-stopping mass of 1/2" (12mm) gypsum board. This composite tile is ideal for use in board rooms, schools, legal & medical offices where room acoustics need to be controlled and privacy maintained by reducing sound transmission between rooms. ThunderTiles are fully encapsulated with a micro-mesh then covered in a bright white fiberglass facing to blend with typical drop-ceiling applications. ThunderTiles have been tested to meet stringent Class-1 fire ratings, making them suitable for use in all residential and commercial spaces. Panels are available in 2 standard drop-in ceiling tile sizes, in both trim and reveal edge treatments for 15/16" (24mm) ceiling grids.



SPECIFICATIONS:

Core Material	Formed, semirigid inorganic glass fibers
Backing	1/2" (12mm) Gypsum board
Facing	Fiberglass tissue micro mesh sealed with water based latex paint
Color	Absolute White
Grid Spacing	15/16", T24 (24mm grid)
Grid Sizes	2' x 2' and 4' x 2'
Noise Reduction Coefficient	0.95
Ceiling Attenuation Class	40
Light Reflectance	0.84
Flame Spread	Class 1 or A (ASTM E 84 & Can/UL-S102)

DIMENSIONS:

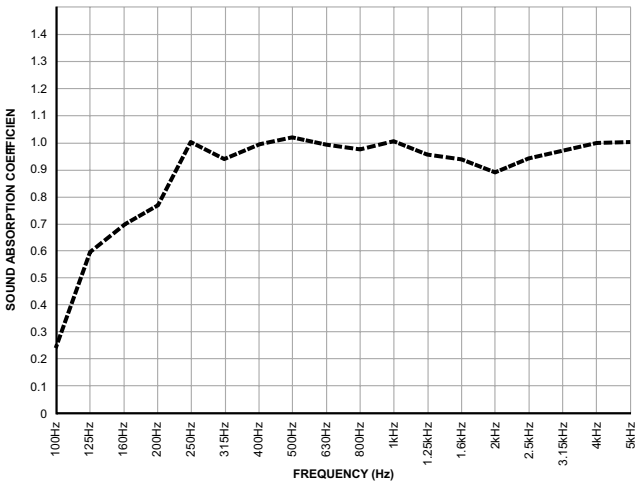
ORDER NO.	DESCRIPTION	HEIGHT	WIDTH	DEPTH	EDGE	BOX QTY.
P200-2424-00	2' x 2' Trim	23.75" (603mm)	23.75" (603mm)	1" (27mm)	Trim	8
P201-2424-00	2' x 2' Reveal				Reveal	8
P200-2448-00	4' x 2' Trim	47.75" (1213mm)	23.75" (603mm)	1" (27mm)	Trim	4
P201-2448-00	4' x 2' Reveal				Reveal	4

ABSORPTION CHARACTERISTICS*:

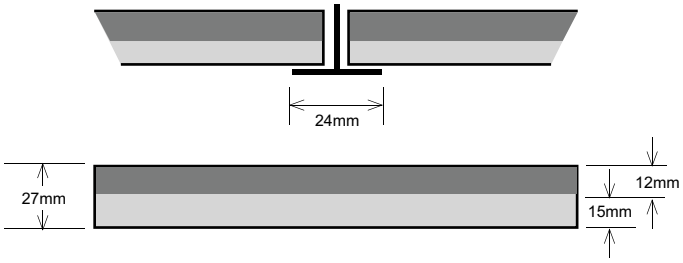
Sound absorption coefficient data.

Panel Depth	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1" (27mm)	0.6	1.0	1.10	1.0	0.9	1.00	0.95

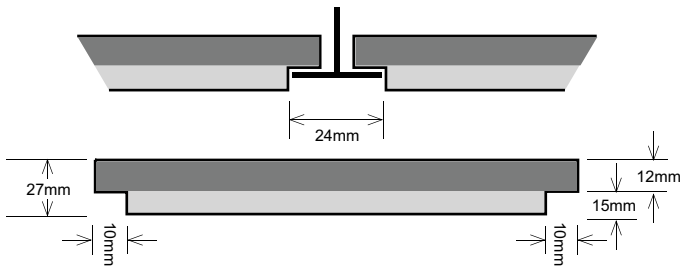
** Estimated acoustic absorption based StratoTile testing performed by Muller - BBM and 1/4 wavelegnth calculation.



Trim edge treatment.



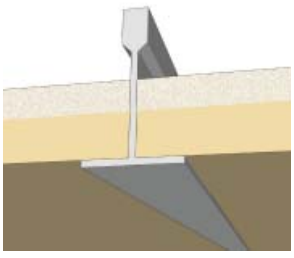
Reveal edge treatment.



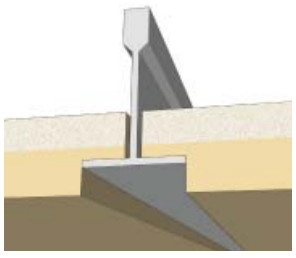
FIRE & BURN PERFORMANCE:

TEST	CLASS	FLAME SPREAD	SMOKE DENSITY
ASTM E 84-05*	1 OR A	5 FSI	15 SD
CAN/UL-S102	1 OR A	2 FSC1	10 SD
BS 476 Parts 6 & 7	1 OR A		

*Standard test methods for surface burning characteristics of building materials is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition.



Trim edge treatment.



Reveal edge treatment.