

MASSETER

False Ceiling



Ensures quality and value at every stage

Pramital Clip-in



- Clip –in ceiling provide a clean finished look
- Easy downward accessibility
- Seismic tested and approved



PHYSICAL DATA

Material: Aluminum or steel

Thickness: 0.6mm to 0.8mm

Surface Finish: Electro statically polyester powder coated

Flame Spread Index: 25 or less

* Perforated ceiling tiles come with textile inlay and NRC value is 0.90 when in filled with Fiberglass pad

Fire Performance: tested per ASTM E84

surface burning characteristics: Flame Spread Rating 0

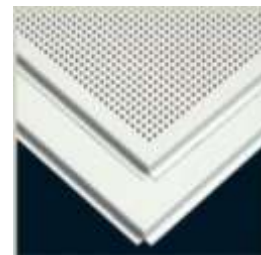
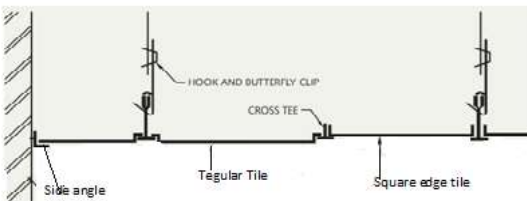
smoke Developed Classification: 0

Smoke Developed Index: 50 or less

Pramital Lay-in



- Lay-in ceiling is with exposed tee grid
- Easy accessibility
- Suitable for 15mm and 24mm Tee grid



Physical Data

Material: Aluminum or steel
Thickness: 0.6mm to 0.8mm
Surface Finish: Electro statically polyester powder coated
Flame Spread Index: 25 or less

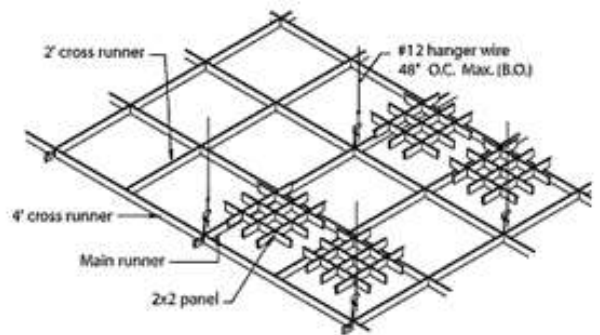
Fire Performance: tested per ASTM E84
surface burning characteristics: Flame Spread Rating 0
smoke Developed Classification: 0
Smoke Developed Index: 50 or less

* Perforated ceiling tiles come with textile inlay and NRC value is 0.90 when in filled with Fiber glass pads

Pramital Open Cell



- Creates a modern, open look for a space
- Main runners and cross runners match infill panels for a monolithic appearance
- 100% accessible to plenum
- Durable post-production, powder-coated finish
- Custom sizes and available in various RAL colors
- Cell configurations include square and rectangular patterns
- Panels contain up to 95% recycled content



Cell size mm	Width & Height mm	Thickness mm	Length mm
50*50	Width:10/15 Height:35.40/45/50/60/80	0.4-0.6	2000
75*75	Width:10/15 Height:35.40/45/50/60/80	0.4-0.6	2000
100*100	Width:10/15 Height:35.40/45/50/60/80	0.4-0.6	2000

*** Other cell sizes are available on request

*Tested and classified as Class 1 or A according to ASTM E 84.

*Flame spread index value 5 and smoke development index value 20.

Pramital Strip ceiling



ADVANTAGES; Wide range of Aluminum and Steel linear ceiling panel profiles and widths in a full range of interior and exterior colours and finishes for wide choice and colour matching. Ideal to create exciting designs.

Accessibility: Pramital strip Ceiling can be easily mounted and demounted, allowing full access to above-ceiling services.

Integration of services: lighting, air conditioning and other services can be easily integrated into the Pramital strip Ceiling.

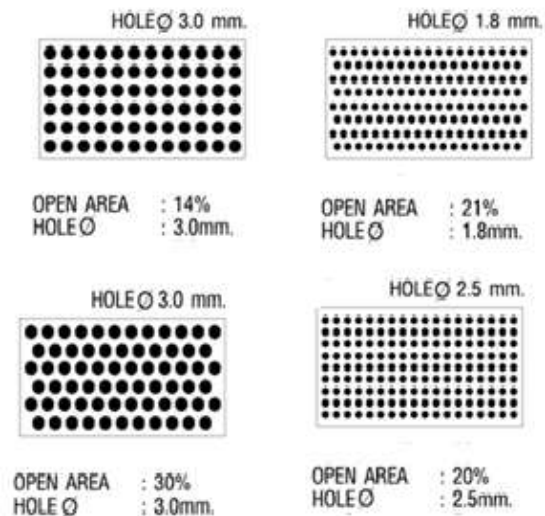


Material: Aluminum or steel
Colour: Standard white and other RAL Colours
Surface treatment: Electro-statically powder coated
Pattern: Plain and perforated with textile inlay
Thickness: 0.6mm, 0.7mm and 0.8mm
Width: 100mm, 150mm, 200mm and 300mm
Length: Standard 3000mm & 6000mm can be supplied in Cut to size
Fire Performance: Complies to ASTM E84
Flame retardant: Class B1
Acoustic: NRC Range 0.6 with perforated panels having textile inlay

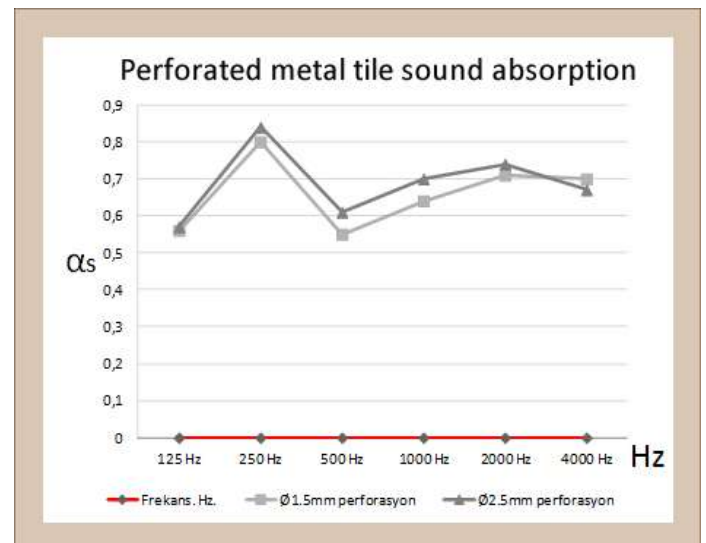
Pramital technical specifications

Material	Powder coated steel or aluminum		
Steel & Aluminum thickness	0.6mm-0.7mm in steel and 0.7mm -0.8mm in aluminum		
Zinc coating	120gsm complying to ASTM A653		
Powder coating	60 micron polyester paint electro statically painted		
accessories	1.2mm zinc coated complies ASTMA 641		
Mold growth and surface scrubbing	Surface painted with anti bacterial and anti graffiti paint scrub resistant		
Fire resistance	Complies to ASTM E84 to give a class O index of performance and class 1 Surface Spread of Flame requirement in accordance with the Building Regulations.		
Acoustic performance	Attenuation	Absorption	
	dB	NRC	α_w
Plain Tiles	38dB	N/A	N/A
Perforated tiles with acoustic felt	14dB	Class C	
		0.70	0.65
Perforated with acoustic pad 80kg/m3	32dB	Class A	
		0.85	0.90

Perforation pitch and %open area



Acoustic variation between 1.5 & 2.5mm dia perforations



Praniwood



Wood is one of the most beautiful, versatile, durable and renewable raw materials available.

Phamiwood

Phamiwood is the ideal choice when designing ceilings and walls with a natural look. Offers design flexibility, outstanding acoustical performance, fire retardant properties and heat insulation creates enhanced interior comfort with a distinctive ambience for the end users.



Wood Ceiling Tiles are manufactured with Class A Fire rated cores with medium density fiber board. Bio-Blend is manufactured with 100% post-consumer recycled content and contains no urea formaldehyde or volatile organic compounds (VOC's). Wood Ceiling tiles are manufactured in standard 2'x2' and 2'x4' modules , Wood Ceiling Tiles are available with a variety of veneers and are finished with a water based, zero VOC and formaldehyde free matt #20 finish. Wood Ceiling Tiles are available with standard perforations.

Specifications

*100% Pre-consumer Recycled Wood Fiber Content	*Environmentally Preferable Product (EPP)
*Scientific Certification Systems (SCS)	*Third-party Certification 100 percent pre-consumer recycled fiber
*Density: 47 pounds per cubic foot	* Modulus of Rupture: 4,500psi
* Modulus of Elasticity: 550,000psi	* Hardness: 955 pounds
* Confirms to ASTM D 1037 wood base fiber properties	* contribute to LEED Recycled Content Credits MR 4.1 & MR 4.2
*Scientific Certification Systems (SCS)	*Third-party Certification 100 percent pre-consumer recycled fiber
*Density: 47 pounds per cubic foot	* Modulus of Rupture: 4,500psi
* Modulus of Elasticity: 550,000psi	* Hardness: 955 pounds
* NRC is 0.6 with acoustic felt complies to ASTM C 423	
* Class A rated Complies to ASTM E 84	

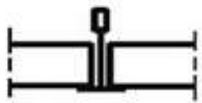
Praniwood

Available in perforated, plain and in grooved perforated pattern in 15mm and 18mm thickness

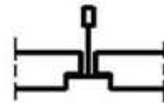


Tiles are suitable for exposed and semi concealed Tee grid in Tee 24 and Tee 15 size

Exposed Tee Grid



Semi concealed



Available Veneer finishes



Beech



Bamboo



Teak



Cherry



Maple



OAK



Ash

Pramitex

The high performance acoustic ceiling tiles with upscale appearance and effective noise reduction.



Pramitex Ceiling panels are composed of inorganic substances including (slag wool), vitreous (silicate) fibres and (stone wool) mineral fibres, expanded perlite, clay (kaolin), and recycle paper using starch as binder to form a solid dry mix. The mineral fibers are uniformly interwoven by the unique wet-felting process to form rigid panel. The ceiling panels are coated on the surface with solvent-free water based latex paint. The ceiling tiles are of high density with fissures, without

fissures, pin perforated, granulated or granulated with needle perforated having excellent acoustic properties.

Pramitex Patterns.

Fissured



Fine Fissured



Textured Plain



Granular



Granular Perforated



Needle perforated

Pramitex

The tiles are suitable for Exposed tee grid, semi concealed tee grid 15mm and 24mm and can be supplied to suit concealed tee grid.



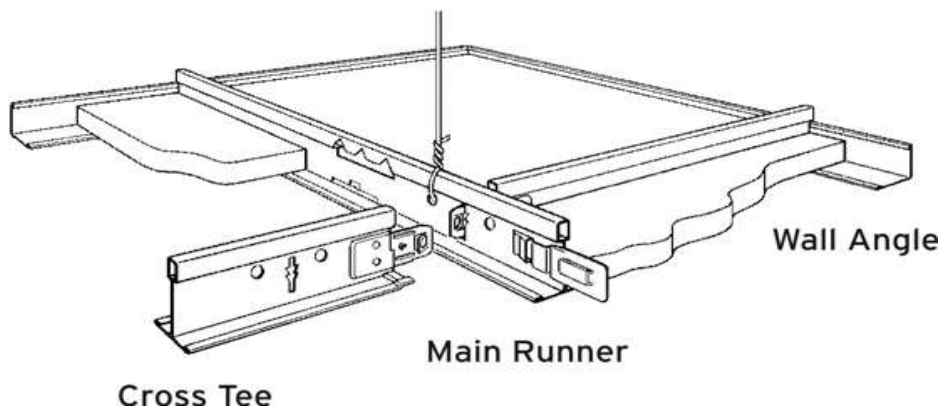
Exposed Tee Grid



Semi concealed T24



Semi concealed T15

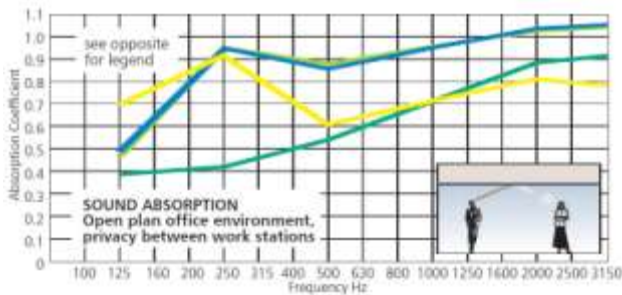


Standard 15mm or 24mm lay-in grid systems are utilised and a number of the most popular tile sizes are held in stock. Several depths of tile edge are available, giving the specifier the opportunity to create different emphasis to grid lines.

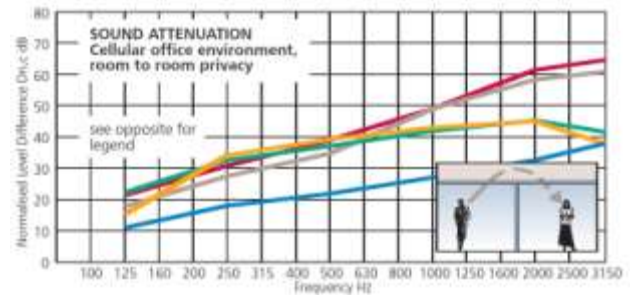
Pramitex

manufactures mineral fiber ceiling tiles whilst satisfying aesthetic requirements, often need to fulfil acoustic performance criteria in compliance to **ASTM E1065/E1065M-14**. And **ASTM C 423-01**.

Sound Absorption



Sound Attenuation



Pramitex

Manufactured to high specifications applying stringent quality control measures to absorb sound within a space and block sound between spaces or coming from outside the building.

Pramitex is used to cover remaining unwanted noise - to raise the level of speech and overcome intelligibility.

Technical specifications

Core composition	Wet- felted mineral fiber
Density	≤ 280/kg/m ³
Finished surface	Latex paint white
Thickness	15mm & 18mm (Other thicknesses are available)
Edge details	Square and bevelled
Noise Reduction Coefficient (NRC)	0.55-0.75 tested as per ASTM C423
Sound reduction	31-49dB
Light reflectance (LR)	0.83 as per tested as per ASTM E 1477
Ceiling Attenuation Class (CAC)	33-40 tested as per ASTM E 1414
Sag resistant, Humidity resistance	Must be installed in controlled conditions for temperature (60-85°F) and relative humidity 95%
Flame Spread Classification per ASTM E84	As per ASTM E84 Class A
V.O.C as per ISO 14024	As per California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010

* Sound reduction is dependent on system, soffit and other factors

- Compatible with Pramigrd

Pramifon

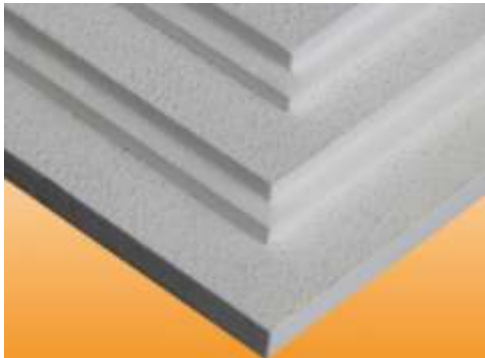
Pramifon fiberglass ceiling tiles are manufactured from high density fiberglass wool. The visible face has a decorative fiberglass tissue and the back of the tile has normal fibreglass surface. The four edges are sealed. The fiberglass wool is water-repellent and has no nutritive value hence does not help to grow any micro-organisms.

Pramifon ceiling does not emit any VOC and does not shed any loose particles hence it is suitable for schools and health care facilities.

Pramifon ceiling has excellent thermal insulation and noise reduction properties which helps in saving energy and reducing noise pollution. The tiles withstand a permanent ambient RH up to 95% at 30°C without sagging, warping or delaminating (ISO 4611).

Main Characteristic:

- Non-combustible
- No sagging, wrapping or delaminating
- Green building material
- Excellent sound absorption



Pramifon ceiling tiles are suitable for lay in, semi-concealed and demountable concealed suspension grid 24mm & 15mm

Lay in grid



Semi-concealed



Concealed demountable



For shaping acoustical environment

Pramifon

Pramifon sound baffles are all designed for ceiling suspension in loud venues that require a reduction in echo to produce more favorable room acoustics. The baffle options vary based on core material, skins used to wrap them with, and performance value. Soundproofing treatment is all about ensuring that you do not under-treat, nor over-treat, your space.



Pramifon are lightweight high performance acoustic baffles to help absorb acoustic noise control in buildings suspended from the ceiling. These are particularly useful in situations where the roof space has a multitude of various services. Not only are excellent acoustic results achieved in this way, but aesthetically innovative solutions are created.



Proprietary suspension accessories are supplied to install *Pramifon* baffles in vertical and flat position to help and achieve desired noise reduction.

Pramifon the sound master

Phamifon

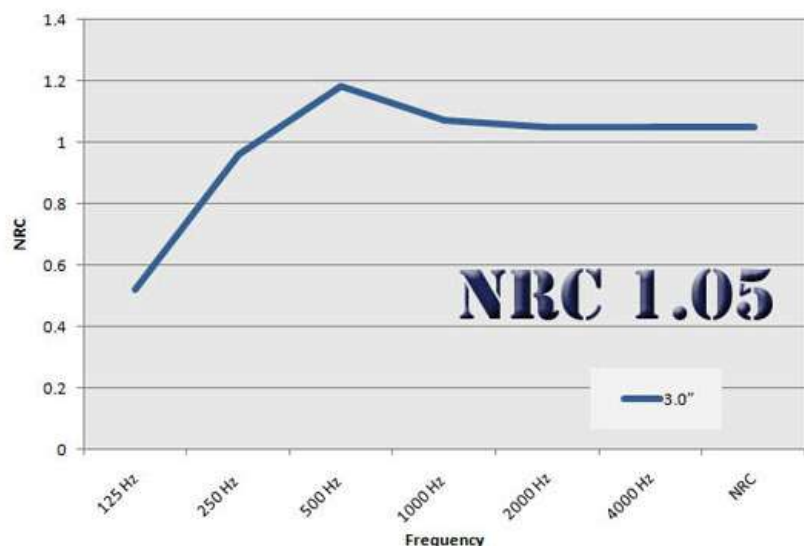
Technical Specifications

Core composition	Fiberglass
Density	100kg/m ³
Thickness	12mm, 15mm, 20mm, 30mm & 40mm
Size	600x600mm & 600x1200 mm
Edge detail	Square, Tegular & Concealed
Colour	White
Reaction to fire	A2-s1,d0 Fire resistant ,Class O, non combustible Complying to BS476 part 6& 7 and ASTM E84
NRC Range	1.05 complies to ASTM C 423-09a
Light Reflectance	LR can achieve 0.86 (High light reflectance) Complying to ASTM E1477
Humidity	Dimensionally stable with RH up to 90%at 40°C
Environmental	Fungi and stains resistant. Green label material according to ASTM D5116-060

NRC is most commonly used to rate general acoustical properties of acoustic [ceiling tiles](#), [baffles](#), and banners, office screens, and acoustic [wall panels](#). It is occasionally used to rate floor coverings and construction materials.

ASTM C423 is used to evaluate absorption of materials

The (**NRC**) is a scalar representation of the amount of [sound energy](#) absorbed upon striking a particular surface. An NRC of 0 indicates perfect [reflection](#); an NRC of 1 indicates perfect [absorption](#).^[1]






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