

Acoustical Performance

Test Method : ASTM C423. Type "E" mounting.

Type of Facing	Thickness (mm)	Density (kg/m ³)	Frequency (Hz)						NRC
			125	250	500	1000	2000	4000	
PVC vinyl	15	60	0.52	0.41	0.40	0.77	0.74	0.65	0.62

Thermal Conductivity

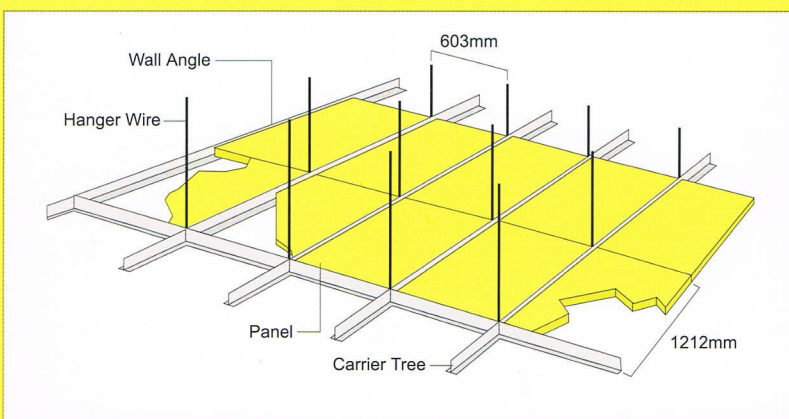
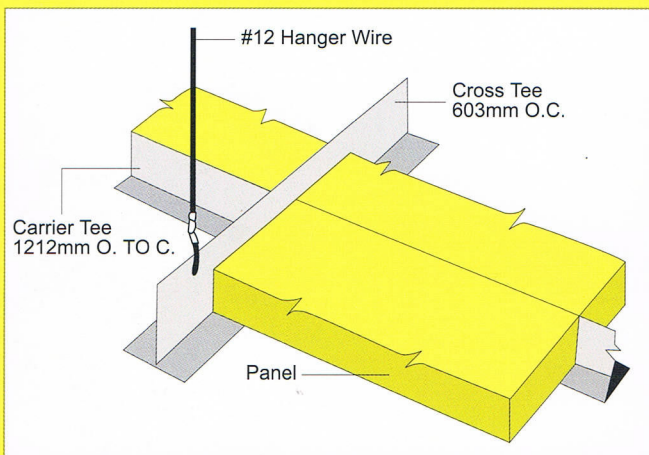
Test Method : ASTM C518 at 24°C mean temperature.

K Value	0.0332 W/mK	0.23 Btu-In/(ft ² .hr.°F)
R Value	0.45 m ² K/W	2.57 (hr.ft ² .°F)/Btu

Tested at 24°C (75°F) mean temperature.

Material

Product Size	15mm x 603mm x 1212mm
	15mm x 603mm x 606mm
	Other densities are available upon request
Facing	PVC vinyl

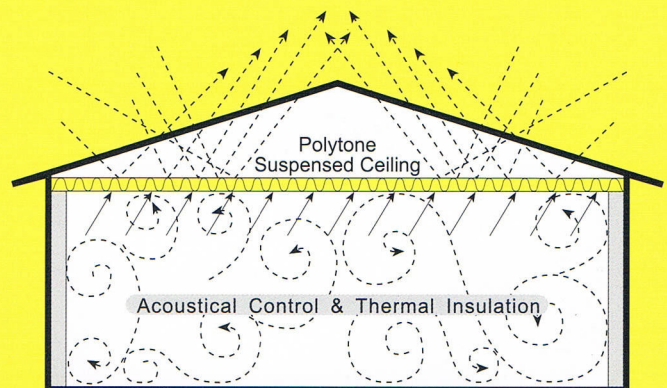


Installation

Installation of **Polytone Suspended Ceiling** panel is a quick and easy procedure.

Their flexibility allows bending without breakage for installation in cramped spaces.

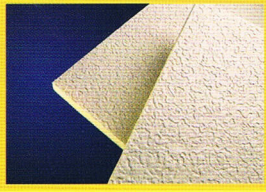
They are also easily cut to fit around any obstructions.



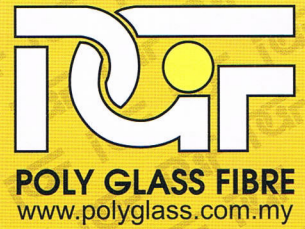
Product Warranty

Warranted for a period of 10 years against warping and sagging after the date of installation provided the product density is not less than 60kg/m³ and the product nominal thickness is not less than 15mm; with our standard product sizes of either 2ft. x 4ft. or 2ft. x 2ft. or equivalents in metric sizes. The warranty is subject to the following conditions:

1. No mishandling by the contractor during installation.
2. The ceiling panels are not designed to take any additional load other than it's own weight.
3. Proper installation in suspended Tee System, with precise dimensions designed for accurate fitting of the ceiling panels.
4. It will not extend to damage caused by fire, water, physical abuse, water leakages in air-cond. system, ambient relative humidity exceeding 80%, etc.
5. It does not cover the labour and transportation cost.



Polytone 200 / 800



POLYGLASS Polytone Suspended Ceilings

**For Comfort and
Energy Saving**

Thermal & Acoustical Glasswool Ceiling Panel

Description

Polytone Suspended Ceiling is an aesthetical and decorative ceiling system with superior acoustical and thermal performance. It is manufactured by facing one side of the semi-rigid glasswool boards with PVC vinyl.

Polytone Suspended Ceiling reduces the noise level of the environment, prevents echoing, absorbs noise and makes the speech and conversation clear and audible. It is also a light reflectance material that improve the effectiveness of the lighting systems.

Polytone Suspended Ceiling conceals above-ceiling installations such as air-conditioning ducting, plumbing, sanitary, electrical wiring and other mechanical fittings. It is easy to assemble and remove whenever required, provides easy access to all the installations above the ceiling.

Application Field

Polytone Suspended Ceiling has gain wide acceptance for acoustic treatment / noise reduction. The suspended ceiling panels are used in conference halls, educational buildings, auditoriums, studios, office and commercial buildings, transportation facilities such as underground & railway stations, intercity bus terminals, airport and seaport facilities, etc.

Advantages

- ~ Superior acoustical & thermal performance.
- ~ Humidity resistant.
- ~ Fire retardant.
- ~ Durable - dimensionally stable against warping, buckling or sagging.
- ~ Economical, light weight & easy to install.

**GlassWool
Insulation**
Bio-Soluble

