



# AKUSTEX

acoustic panel with laminated texture

**E-ACOUSTIC SDN BHD** (508506-x)

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## ACOUSTIC CEILING AND WALL PANEL

**Akustex** acoustic ceiling and wall panels are rigid, high density glass fibre panels with laminated texture finish.



SMK Muadzam Shah, Muadzam Shah, Pahang

It offers :-

- Excellent noise absorption
- High resistance to humidity - non sagging
- Easy to install - DIY feasible
- Factory laminated - even finish and no delamination
- Cleanable surface - using vacuum cleaner or damp sponge
- Compliance to BS 476 Class 'O' fire classification

With wide selection of finishing textures, **Akustex** acoustic ceiling and wall panels can be used as decorative wall panels or elegant finishes suspended ceilings. The finishing texture is determined based on application requirements such as sound absorption, impact resistance as well as aesthetic considerations.

**Akustex** acoustic ceiling and wall panels are used extensively in commercial, public and private buildings whereby acoustic absorption is desired. **Akustex** offers high noise reduction coefficient (NRC) ranging from 0.65 to 0.9. Hence, undesirable echoes are immediately reduced, resulting in short reverberation time.





SMK Rompin, Rompin, Pahang



Desa Kencana, Felda Sahabat, Lahad Datu, Sabah.



MRSM Tumpat, Tumpat, Kelantan

**Akustex** comprises mainly two finishing surfaces, namely microporous paint finish and hessian fabric. Other finishes are available upon request. **Akustex** is suitable for use in :-

➡ Multi purpose hall  
➡ Lecture theatre

➡ Auditorium  
➡ Music Room

➡ Conference Room  
➡ Studio



## Installation

Akustex products are installed by suspending the product onto metal T-grid or fastening them to the wall. For wall installation, the fixing surface must be even, fastened by using wood-stud or metal T-grid.

## Maintenance

Akustex fabric finishes can be cleaned with a vacuum cleaner or dry cloth.

## Fire Rating

Building regulation - comply to British standard BS 476 parts 6 and 7 - Class 0 Fabric tested to BS5852 1989 Part "1" Source "0" Code Cigarette

## Ceiling Selection

Microporous Paint



Black Tissue



## Wall Selection



Wood



Hibiscus



Jasmine



Orchid



Daisy



Cactus

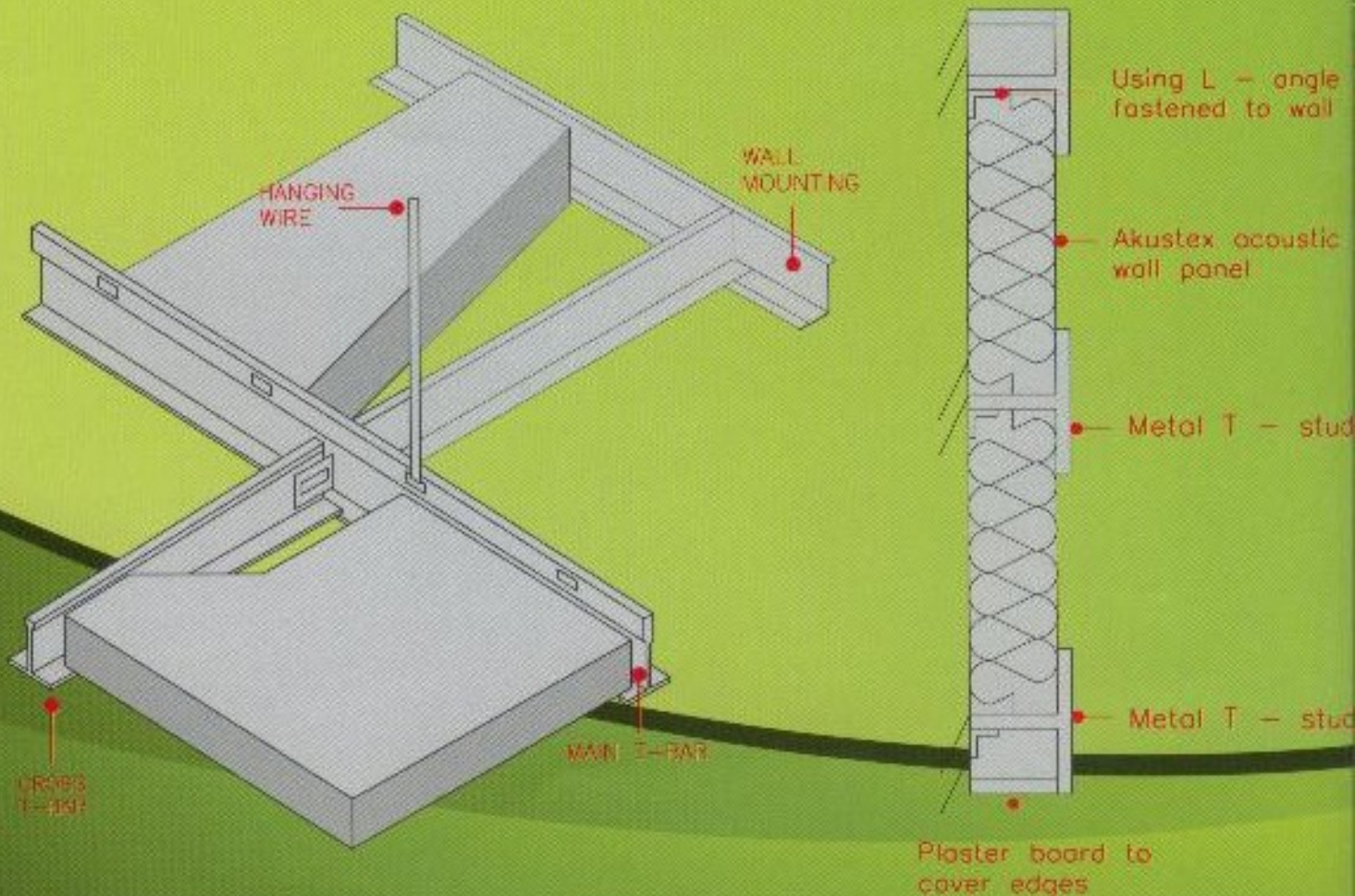


Sakura



Rose





### Technical Specification

Product Size	2' x 4' (603 mm x 1212 mm)
Thickness	15 mm, 20 mm and 50 mm
Weight	1.15 kg per 20 mm x 603 mm x 1212 mm panel ( 80 kg/m <sup>3</sup> )
Thermal Conductivity No.	0.0332 W/MK
Fire Classification	Core product is class "O" fire rating (non-combustible) as per BS Standard 476 Part 6 & 7

### Sound Absorption Coefficient as measured in accordance to ASTM 423-90a.

Thickness	Finish	Mounting	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	NRC
15 mm	Glass tissue	With AIRGAP	0.26	0.65	0.79	0.68	0.84	0.92	0.74
20 mm	Glass tissue	With AIRGAP	0.71	0.68	0.78	0.84	0.92	0.89	0.81
20 mm	Fabric	Without AIRGAP	0.06	0.38	0.62	0.87	0.85	0.65	0.68
20 mm	Fabric	With AIRGAP	0.41	0.59	0.66	0.81	0.77	0.64	0.71
50 mm	Fabric	Without AIRGAP	0.16	0.74	0.97	0.92	0.93	0.95	0.89