

# DATA SHEET



Thermal & Acoustic Insulation

## THERMACOUSTIC™ BLANKET (TMA)

### Description

Thermacooustic (TMA) Blanket is a non-combustible, lightweight and resilient glasswool, its excellent sound absorption property and also thermal resistance helps improving Sound Transmission Class (STC) rating of exterior wall and interior drywall partition and saving electricity cost.

### Application

Thermacooustic (TMA) Blanket is pre-cut to compact size so it's easy to install and suitable for combining with metal/wood stud dry wall system, brick/concrete wall and also curtain wall system. Thermacooustic Batts is easy to install and firmly fit in wall cavity, suitable for both metal stud and wood frame. They can be cut to fit around wires, outlets, electrical conduit and plumbing system.



### Standard Product

Products	Density (Kg/m <sup>3</sup> )	Thickness (mm)	Width (m)	Length (m)
TMA 50	24	50	0.40-3, 0.60-2, 1.20	10.0
TMA 75	24	75	0.40-3, 0.60-2, 1.20	10.0
TMA90	24	90	0.40-3, 0.60-2, 1.20	10.0

0.40-3 (Pre-cut 0.40m 3pcs/roll) 0.60-2 (Pre-cut 0.60m 2pcs/roll)

### Technical Data

Products	Thermal Conductivity (W/m K)	Thermal Resistance (m <sup>2</sup> K /W)
TMA 50	0.035	1.43
TMA 75	0.035	2.14
TMA90	0.035	2.57

### Features & Benefits

- Non-Combustible
- Excellent sound absorption
- Reduce heat transfer
- Save electricity cost
- Easy to handle and install
- Water repellency treatment
- Long life insulation performance
- Environmental Friendly

### Maximum Service Temperature

Can be used with the application with maximum service temperature not over 230 °C

### Moisture Sorption

Less than 3% by weight at 40 °C 90%RH

### Mold & Fungus Growth

Will not support or promote

### Physical Properties Fire Safety

#### ASTM E84

Flame Spread < 25

Smoke Developed < 50

090260