



Fabric Faced Glasswool Board



Glasswool Board



POLY GLASS FIBRE
www.polyglass.com.my

POLYGLASS Semi Rigid Glasswool Board Faced with Fabric

For Comfort and
Energy Saving

PolyBoard for Noise Control and Thermal Insulation

*GlassWool
Insulation*

Description

Poly Semi Rigid Glasswool Board Faced with Fabric is an aesthetical and decorative insulation boards with various colours. It is exclusively designed for selective and distinctive applications, where acoustical (sound) control is crucial and required. Poly Semi Rigid Glasswool Board Faced with Fabric is an excellent acoustic insulation material, where it is manufactured highly resilient, inorganic glass fibres bonded with thermosetting resin. The different colour and design of fabric can be laminated on the Poly Semi Rigid Glasswool Board upon customer request.

Applications

Poly Semi Rigid Glasswool Boards Faced with Fabric are used generally in places where acoustical performances are required as well as in high thermal performance. Installed in conference/lecture theater halls, music rooms, laboratory, computer room, QC & clean room where it can control of echoes and reverberation, reduction of sound levels in rooms and improve sound isolation between room and thermal performance.

Advantages

- Superior acoustical & high thermal performance.
- Humidity resistant.
- Fire retardant board.
- Low thermal conductivity.
- Resistance to fungus and bacteria.
- Reduce energy cost.
- No sagging or warping



SIRIM

CLASS 0 / TESTED TO BS476 Part 6 & 7
CERTIFICATION No: LP009301
GLASSWOOL INSULATION



BUATAN MALAYSIA

Range of Products Available

| Density kg/m ³ | Semi Rigid Glasswool Boards (1.2m width x 2.3m length) | | | | | | |
|------------------------------|---|----|----|----|----|----|-----|
| | Thickness (mm) | | | | | | |
| 32 | 15 | 25 | 40 | 45 | 50 | 75 | 100 |
| 48 | 15 | 25 | 40 | 45 | 50 | 75 | 100 |
| 64 | 15 | 25 | 40 | 45 | 50 | 75 | - |
| 80 | - | 25 | 40 | 45 | 50 | - | - |
| 96 | - | 25 | 40 | 45 | 50 | - | - |

General Properties - Poly Semi Rigid Glasswool Boards

| | |
|---|---|
| Moisture absorption | The moisture absorption of the insulation shall be not more than 5% by weight when tested in accordance with ASTM C665. |
| Alkalinity | PH9, slightly alkaline |
| Corrosiveness (with steel, copper or aluminium) | Does not accelerate |
| Odour | None |
| Capillarity (after 24 hours) | Negligible |
| Shrinkage | None |
| Thermal resistance | 0.66 ~ 3.0m ² K/W |
| Resistance to fungus and bacteria | Does not promote |

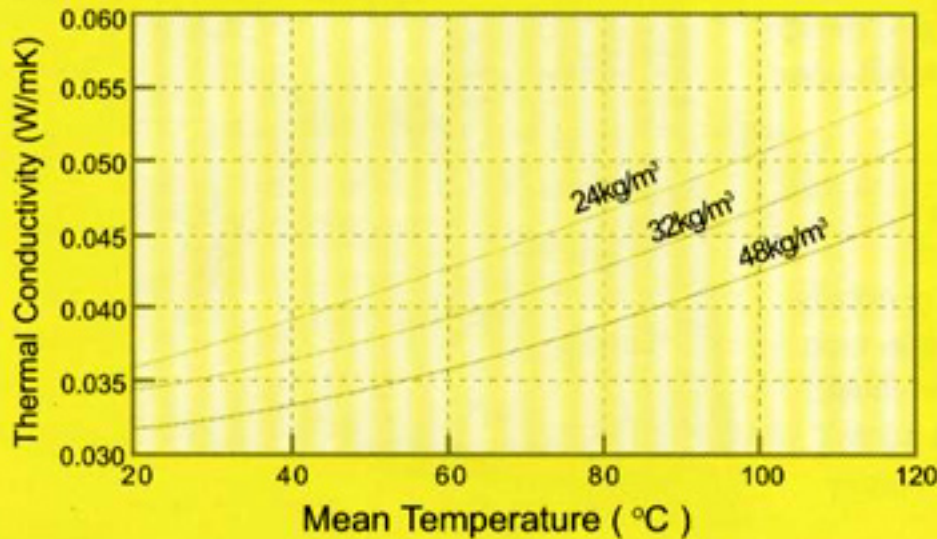
Acoustical Performance (Plain / Unfaced Glasswool)

Test Method ASTM C423. Type 'A' mounting.

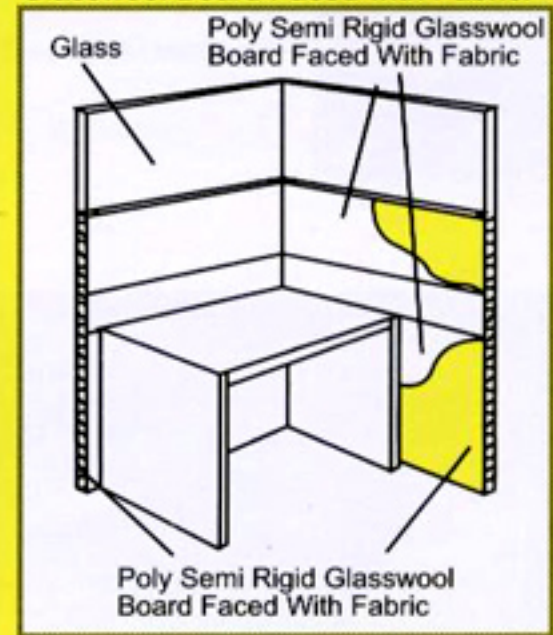
| Density kg/m ³ | Thickness (mm) | Centre Frequency (Hz) | | | | | | | NRC |
|------------------------------|-------------------|-----------------------|------|------|------|------|------|------|-----|
| | | 125 | 250 | 500 | 1000 | 2000 | 4000 | | |
| 24 | 25 | 0.24 | 0.36 | 0.67 | 0.87 | 0.88 | 0.92 | 0.70 | |
| 32 | 25 | 0.19 | 0.35 | 0.71 | 0.86 | 0.94 | 0.97 | 0.70 | |
| 48 | 25 | 0.22 | 0.38 | 0.8 | 0.91 | 0.96 | 0.99 | 0.75 | |
| 24 | 50 | 0.36 | 0.64 | 1.04 | 1.06 | 1.05 | 1.10 | 0.95 | |
| 32 | 50 | 0.38 | 0.72 | 1.11 | 1.07 | 1.04 | 1.07 | 1.00 | |

Thermal Conductivity (Plain / Unfaced Glasswool)

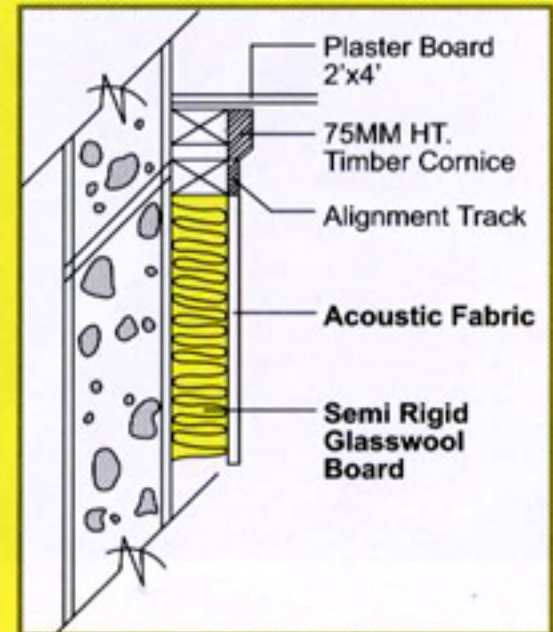
Test Method ASTM C177-85



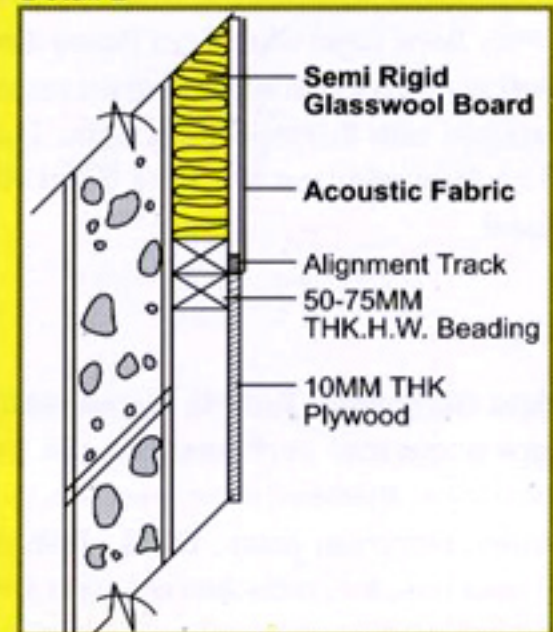
Open Plan Partition Semi Rigid Glasswool Board Faced with Fabric.



Detail 1



Detail 2



Manufactured in Malaysia by:



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