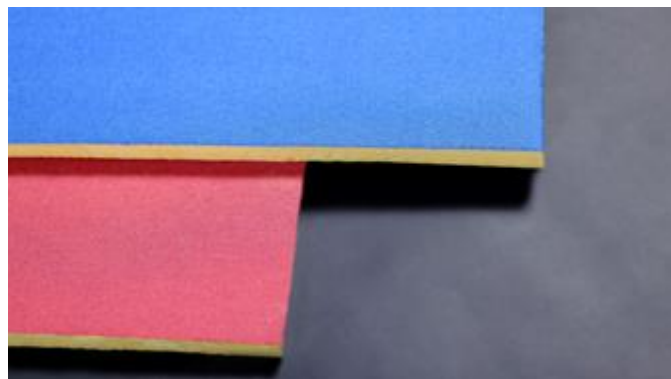


# FABRICTONE

## Glass Mineral Wool Insulation



### DESCRIPTION

A combination of great appearance, superior acoustical performance, and design flexibility makes FABRICTONE the perfect solution for many interior reverberant noise problems. FABRICTONE panels are wrapped with high-performance acoustically transparent fabric making them not only acoustical, but durable. It allows you to create an effective sound control treatment that is distinctly appropriate for your needs.

A variety of shaped edges and panel thicknesses allow you to design for the desired appearance and acoustics. The perfect solution for many reverberant noise problems this panel offers superior performance for wall application. The core of this panel is made from POLYWool board. The edges are chemically hardened for durability.

### APPLICATIONS

A cost-effective way to control unwanted noise. FABRICTONE range of products are available from thickness of 20mm right up to 100mm thick glass mineral wool which is covered by a wide choice of fabrics in many colour selections. The acoustical panels are designed for environment that require that executive look. Panels are durable, compliment existing decor, yet functional with a high NRC rating. Most common applications includes executive offices, conference rooms, hallways, lobbies, auditoriums, theatres and home entertainment centers.

### ADVANTAGES

**Optimal fibre diameter.** Optimal fibre diameter ranging from 4-5micron produces more air chamber which enables the insulation to provide a better and enhanced performance.

**Better fibre network.** Fine, longer and evenly distributed fibre network helps in creating better tensile strength allowing the insulation to demonstrate superior durability, flexibility and feeling much softer.

**Less dusty and less itchy.** Specifically engineered to produce a comfortable and less dusty insulation. The insulation creates a pleasant work experience by reducing the tingling feeling during installation.

**Absorbs Disturbing Sound.** Exceptional sound-absorbing properties. Eliminates unwanted boundary reflections and controls excessive room reverberation. NRC rating up to 1.0

**Mould Growth.** Does not encourage growth of mould, fungus, bacteria or rodents. Tested in accordance with ASTM C1338-08.

**Alkalinity.** pH 9.

**Corrosiveness.** Chemically inert. Will not cause or accelerate corrosion of steel, stainless steel, copper or aluminum due to its specifically inorganic and mineral composition. Tested in accordance with ASTM C665-12.

**Water Vapor Absorption.** Absorbs less than 5% by weight. Tested in accordance with ASTM C1104.

**Odor Emission.** Does not emit any unpleasant odor. Tested in accordance with ASTM C1304.

**Reverberation.** Installing on the interior wall helps to control reverberation from noise created within the building.

**Cleaning and maintenance.** All panels can be brushed or vacuum cleaned in situ. Where heavy soiling has occurred, localised spot removal techniques can be used on most fabrics.

### MOUNTING METHODS

- Construction grade adhesive
- Z-Clip attachments
- Concealed Edge Clips
- Velcro

### EDGE DETAILS

Available in the following type of edges:

- Squared
- Radius
- Half Radius
- Bevel
- Half Bevel

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### FIRE PROPERTIES

Tested in accordance with (core):

- B.S. 476: Part 6 Fire propagation
- B.S. 476: Part 7 Surface spread of flame
- ASTM E84

### ACOUSTICAL PERFORMANCE

FABRICTONE acts as a natural and effective sound barrier and the perfect solution for many reverberant noise problem. FABRICTONE offer up to NRC 1.00. Please contact PGF Insulation representative for further information.

### THERMAL CONDUCTIVITY

Complies with ASTM C518 at 15°C mean temperature. Please refer to the table on products available for more information on the thermal conductivity and resistance values.

### AVAILABLE FORMS

A wide selection of high-performance acoustically transparent fabric available.

### PRODUCT RANGE

Available in either semi rigid or rigid form.

Semi Rigid Board : EWB2532, EWB5048, EWB5032, EWB2548

Rigid Board : EWB2564, EWB5064, EWB2580, EWB5080  
EWB2596, EWB5096

### PRODUCTS AVAILABLE

FABRICTONE (0.603m x 1.212m / 1.2m x 2.3m)		
EWBR 2532		EWBR 5032
Thickness (mm)	25	50
K-Value (m <sup>2</sup> K/W)	0.0320	0.0320
R-Value (W/mK)	0.78	1.56
EWBR 2548		EWBR 5048
Thickness (mm)	25	50
K-Value (m <sup>2</sup> K/W)	0.0300	0.0300
R-Value (W/mK)	0.83	1.66
EWBR 2564		EWBR 5064
Thickness (mm)	25	50
K-Value (m <sup>2</sup> K/W)	0.0300	0.0300
R-Value (W/mK)	0.83	1.66
EWBR 2580		EWBR 5080
Thickness (mm)	25	50
K-Value (m <sup>2</sup> K/W)	0.0300	0.0300
R-Value (W/mK)	0.83	1.66
EWBR 2596		EWBR 5096
Thickness (mm)	25	50
K-Value (m <sup>2</sup> K/W)	0.0300	0.0300
R-Value (W/mK)	0.83	1.66

### Note:

Please contact PGF Insulation sales representative for custom sizes.

### SHORT FORM SPECIFICATION

All acoustic wall panel shown on drawings or specified herein shall be FABRICTONE\_\_\_\_\_ kg/m<sup>3</sup>, with thickness of \_\_\_\_\_mm. Acoustic performance of the insulation shall be NRC \_\_\_\_.

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of glass mineral wool insulation listed herein represent typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. The suitability of the product is not binding for special individual cases. Warranty and liability upon delivery shall be in accordance with our General Terms and Conditions. No responsibility is assumed for the correctness of this information. Version of 1<sup>st</sup> June 2017.

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