

Barrifire™ GWB series (Preliminary)

Heat and Fire Resistant Glass Wool Board

To support Sustainability by improving the fire resistance

Product Features

- High in heat insulation despite being a thin board, and provides soundproofing effect.
- Resistant to fire, forming no ignition, no cracks or holes, even after being under 1170 °C heat by a burner flame for 10 min.
- Glass is used as the main component, a little aged deterioration with a high durability.
- Made of recycled glass-wool.

* Standard board size : 1500 x 2200 mm

Application Examples

- Noncombustible interior materials for a roof, a ceiling and a wall
- Noncombustible interior materials as a sound absorber and a heat insulator
- A heat insulator of heating apparatus and a burner stove

Physical Properties

		GWB 2.0	GWB 5.0	GWB 10.0
Thickness	[mm]	2	5	10
Grammage	[g/m ²]	760	1,650	3,500
Density	[g/cm ³]	0.38	0.33	0.35
Tensile Strength (MD)	[N/m]	4,870	14,650	25,780
Breaking Elongation (MD)	[%]	1.7	0.96	1.24
Thermal Conductivity	[W/m·K]	0.056	0.054	0.056

Contact us for customized products not listed above. * The above values are typical values, not guaranteed values.

Temperature on the back surface while the front surface being heated at 600 °C

