



WALL AND PANEL INSULATION - GWP SERIES

Description

GBP Silvercote's faced and unfaced wall and panel insulations are composed of inorganic glass fibers bonded together by a thermosetting resin. These semi-rigid boards are available in a variety of sizes, thicknesses and densities to fit nearly any wall and/or panel application. GWP Series, Type I, is also available in roll form with a factory-applied Foil/Scrim/Kraft facing.

Uses

GWP Series products have been designed to be used primarily with standard metal panels, masonry walls, curtain wall assemblies and cavity walls. Products can be effectively installed in both factory-fabricated panels and field installations.

Benefits

Exceptional Thermal Efficiency:

Because of the inherent properties of glass fiber, GWP Series products reduce energy consumption, resulting in lower operating costs.

Structurally Stable:

GWP Series products maintain thickness and structural integrity, even after being subject to compression packaging.

Lower Labor Costs on Installation:

Its' lightweight, coupled with ease of fabrication, makes this product economical to install.

Available Products

Type	Density (PCF)	Thickness 1/2" Increments	Thermal Conductivity (K)
I	1.65	1 1/2" - 4"	.235

Technical Data

*Surface Burning Characteristics (UL Classified):	When tested in accordance with ASTM E84, GWP Series products do not exceed a flame spread rating of 25 or smoke developed of 50.
Corrosion Resistance:	Will not cause corrosion of steel or aluminum.
Resistance To Fungi And Bacteria:	Does not breed or promote fungi or bacteria growth.
Thermal Shock Resistant:	Will not shrink, crumble or crack.

*The above flame spread rating was determined in accordance with ASTM E84. This standard is used solely to measure and describe properties of materials and products in response to heat and flame under controlled laboratory conditions. This numerical flame spread is not intended to reflect hazards presented by this or any other material under actual fire conditions. Results are reported to the nearest five rating.

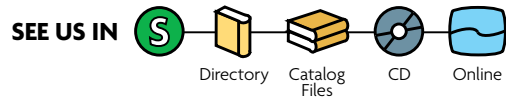
Thermal Resistance Values:

THK	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"
GWP Type I	N/A	6.38	8.51	10.64	12.77	14.89	17.02

Compliance and Specification Data

ASTM E 84, FHC - 25/50
ASTM C 612 Class I
ASTM C 553





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