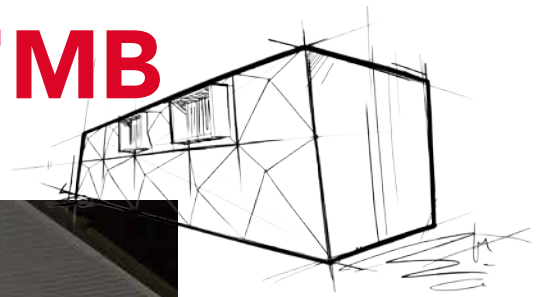


ROCKWOOL PLUS™ MB

Pre-engineered Metal Building Insulation



ROCKWOOL PLUS™ MB is a lightweight, semi-rigid mineral wool batt insulation designed for pre-engineered metal building construction where an hourly fire rating is not required.

It is non-combustible and fire resistant, and will not produce toxic smoke or promote flame spread. As a result, it provides high-temperature fire protection, particularly when a fire separation wall is required.

ROCKWOOL PLUS™ MB also helps to increase energy efficiency and improve thermal stability. Strong and durable onsite, it is easy to cut and install, and can contribute to earning LEED® points.

This product is recommended for installation on the interior side of a watertight metal cladding. It is not recommended for use in a rainscreen or cavity wall application where it may be exposed to the elements during construction or in situ.

Learn more at rockwool.com

Energy-saving Thermal Performance

Maintaining an R-value of R4, ROCKWOOL PLUS™ MB delivers consistent thermal performance, contributing to energy-efficient for pre-engineered metal building.



ROCKWOOL PLUS™ MB

Pre-engineered Metal Building Insulation

Technical Data Sheet

Batt Insulation 07810 • Blanket Insulation 07 21 16**

Metal Wall Panels 07 42 13**

ROCKWOOL PLUS™ MB is a mineral wool insulation batt designed for use in pre-engineered metal building constructions.

	Performance								Test Standard
Compliance	Mineral Fiber Blanket Thermal Insulation, Type I, II and III								ASTM C553
Reaction to Fire	Flame spread index = 0; Smoke developed index = 0								ASTM E84 (UL 723)
	Flame spread index = 0; Smoke developed index = 0								CAN/ULC S102
	Determination of Non Combustibility of Building Materials - Non Combustible								CAN/ULC S114
	Behaviour of materials at 750°C - Non Combustible								ASTM E136
Density	Actual Density - 2 lbs/ft³ (32 kgs/m³)								ASTM C303
Thermal Resistance	R-Value / inch @ 75°F		4.0 hr.ft².F/Btu					ASTM C518 (C177)	
	RSI value / 25.4 mm @ 24°C		0.70 m²K/W						
Corrosion Resistance	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel - Passed								ASTM C795
	Corrosion of Steel - Passed								ASTM C665
Reaction to Moisture	Moisture Sorption - 0.03%								ASTM C1104
	Determination of Fungi Resistance - Passed								ASTM C1338
Thickness Dimensions	2" through 4" (50.8 mm - 101.6 mm) in 1/2" increments as well as 5" (127 mm) and 6" (152.4 mm) 24" x 48" (610 mm x 1219 mm)								
Acoustical Performance	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000Hz	4000 Hz	NRC	ASTM C423
	2.5"	0.34	0.76	1.12	1.05	1.04	1.04	1	
	3.5"	0.56	0.99	1.17	1.04	1.05	1.05	1.05	
	6"	1.17	1.2	1.16	1.08	1.08	1.07	1.15	

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NOTE: *Master Format 1995 Edition **Master Format 2004 Edition. As ROCKWOOL has no control over installation design and workmanship, accessory materials or application conditions, ROCKWOOL does not warranty the performance or results of any installation containing ROCKWOOL's products. ROCKWOOL's overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.