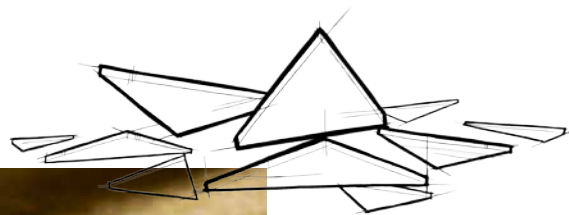


FABROCK™ DD

Fabrication Board



FABROCK™ DD is a dual-density stone wool board insulation that is designed to be fabricated while maintaining its integrity. A high-density layer and a lower-density layer work together to give the product compressive resistance and excellent sound absorbency.

FABROCK™ DD is also dimensionally stable, vapor permeable and will not encourage the growth of mold. Being non-combustible, it will not develop smoke or promote flame spread, even when directly exposed to fire.

As the leading North American manufacturer of stone wool insulation for use in a wide range of OEM applications, our focus is on developing and manufacturing high-performance products for converters, fabricators and manufacturers.

FABROCK™ DD is used for acoustic panels but not limited to this application, as dual-density insulation has many uses in different OEM applications.

Learn more at rockwool.com

Versatility

FABROCK™ DD is easily fabricated for use in a variety of OEM applications. Our team of experts will work with you to create the right solution for your application.



FABROCK™ DD

Dual-density Insulation for OEM

Technical Data Sheet

Board Insulation 15080* • Process Equipment Insulation 404223**
Mineral Wool Board Insulation 07 21 13**

ROCKWOOL FABROCK™ DD is a non combustible mineral wool insulation board with a rigid upper layer for durability and enhanced mechanical strength.

	Performance								Test Standard	
Compliance	Mineral Fiber Block and Board Thermal Insulation, Type IVB Compliant Mineral Fiber Thermal Insulation for Buildings, Type 1 Compliant								ASTM C612 CAN/ULC S702	
Reaction to Fire	Flame spread index = 0; Smoke development index = 0 Flame spread index = 0; Smoke development index = 0 Behaviour of materials at 750°C (1382°F) - Non Combustible Test for Non-Combustibility - Non Combustible								ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114 ASTM E136	
Density	Outer layer	6.2 lb/ft³ (100 kg/m³)						Inner Density	4.1 lb/ft³ (65 kg/m³)	ASTM C303
Corrosion Resistance	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel - Passed Corrosion of Steel - Passed								ASTM C795 ASTM C665	
Thermal Resistance	R-Value / inch @ 75°F		4.3 hr.ft².F/Btu		RSI value / 25.4 mm @ 24°C				0.73 m²K/W	ASTM C518 (C177)
Reaction to Moisture	Moisture Sorption by weight - 0.07% Determination of Fungi Resistance - Passed Water Vapor Transmission, Desiccant Method - 1555 ng/Pa.s.m² (27 perm)								ASTM C1104 ASTM C1338 ASTM E96	
Thickness Dimensions	Product is available in 2.5" to 5" thicknesses (64 mm - 127 mm) 16" x 48" (406 mm x 1219 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	
	3"	0.72	0.93	0.88	0.84	0.9	0.97	0.9		

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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.