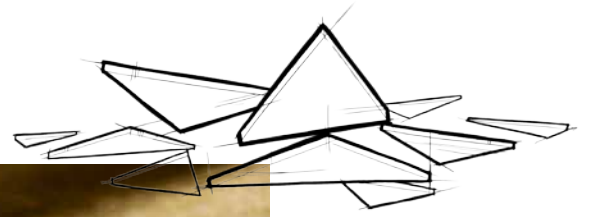


FABROCK™ DD

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.

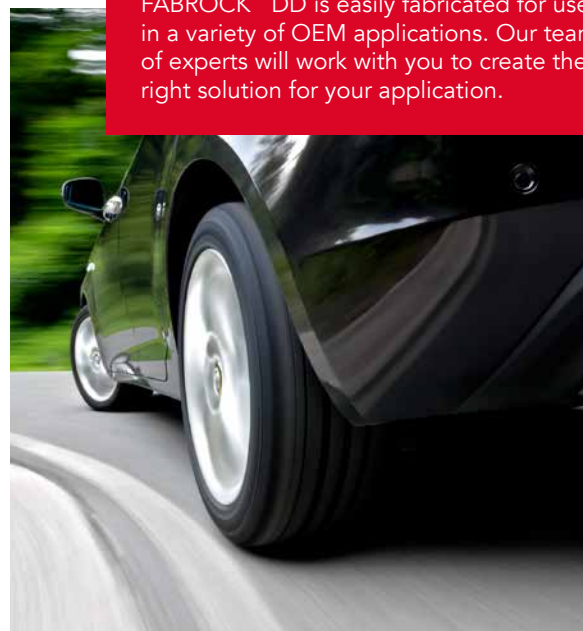
As the leading North American manufacturer of stone wool insulation for use in a wide range of OEM applications, our focus is on developing and manufacturing high-performance products for converters, fabricators and manufacturers.

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/ft ³ (100 kg/m ³) Inner Density 4.1 lb/ft ³ (65 kg/m ³)	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.ft ² .F/Btu RSI value / 25.4 mm @ 24°C 0.73 m ² K/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.m ² (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	<table border="1"> <thead> <tr> <th>Thickness</th> <th>125 Hz</th> <th>250 Hz</th> <th>500 Hz</th> <th>1000 Hz</th> <th>2000Hz</th> <th>4000 Hz</th> <th>NRC</th> </tr> </thead> <tbody> <tr> <td>3"</td> <td>0.72</td> <td>0.93</td> <td>0.88</td> <td>0.84</td> <td>0.9</td> <td>0.97</td> <td>0.9</td> </tr> </tbody> </table>	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000Hz	4000 Hz	NRC	3"	0.72	0.93	0.88	0.84	0.9	0.97	0.9	ASTM C423
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