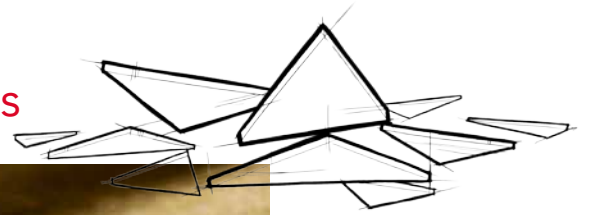


# FABROCK™ HD

Rigid Insulation for OEM Applications



ROCKWOOL FABROCK™ HD is a high-density board ideal for fabrication because of its uniform integrity. With excellent fire, acoustic and thermal properties, FABROCK™ HD is ideal for use in fire doors and other OEM applications where rigid board insulation is required.

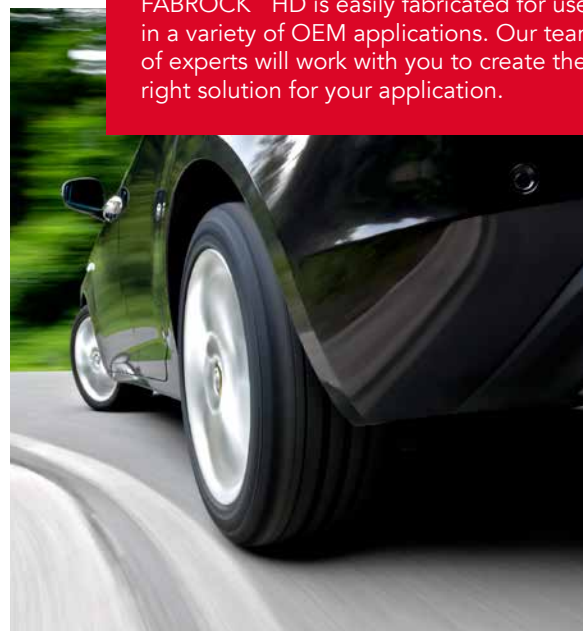
FABROCK™ HD is dimensionally stable, vapor permeable and will not encourage the growth of mold. FABROCK™ HD is also non-combustible and will not develop smoke or promote flame spread, even when directly exposed to fire.

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, high-quality products.

Learn more at [rockwool.com](http://rockwool.com)

## Versatility

FABROCK™ HD 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™ HD

## Rigid Insulation for OEM Applications

### Technical Data Sheet

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

**ROCKWOOL FABROCK™ HD is a rigid, non-combustible, stone wool insulation board designed for fabrication.**

	Performance	Test Standard							
Compliance	Mineral Fiber Block and Board Thermal Insulation, Type IVB Compliant	ASTM C612							
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	ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114							
Density	Actual Density 12.5 lb/ft <sup>3</sup> (200 kg/m <sup>3</sup> )	ASTM C303							
Dimensional Stability	Linear Shrinkage 1.1% @ 1200°F (650°C)	ASTM C356							
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                      3.8 hr.ft <sup>2</sup> .F/Btu RSI value / 25.4 mm @ 24°C              0.67 m <sup>2</sup> K/W	ASTM C518 (C177)							
Reaction to Moisture	Moisture Sorption by weight - <1.0% Determination of Fungi Resistance - Passed Water Vapor Transmission, Desiccant Method - 2360 ng/Pa.s.m <sup>2</sup> (41 perm)	ASTM C1104 ASTM C1338 ASTM E96							
Compressive Strength (@1" thickness)	11psi (75kPa) @ 10% compression 28psi (190kPa) @ 25% compression	ASTM C165							
Thickness Dimensions	Contact ROCKWOOL for sizing information (1-800-265-6878)								
Acoustical Performance	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000Hz	4000 Hz	NRC	ASTM C423
	1.0"	0.03	0.41	0.85	0.89	0.89	0.97	0.8	
	2.0"	0.39	0.73	0.81	0.86	0.97	0.95	0.85	
Transmission Loss (dB)	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	ASTM E90	
	4"	20	23	33	26	32	39		

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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.