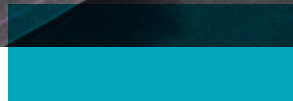
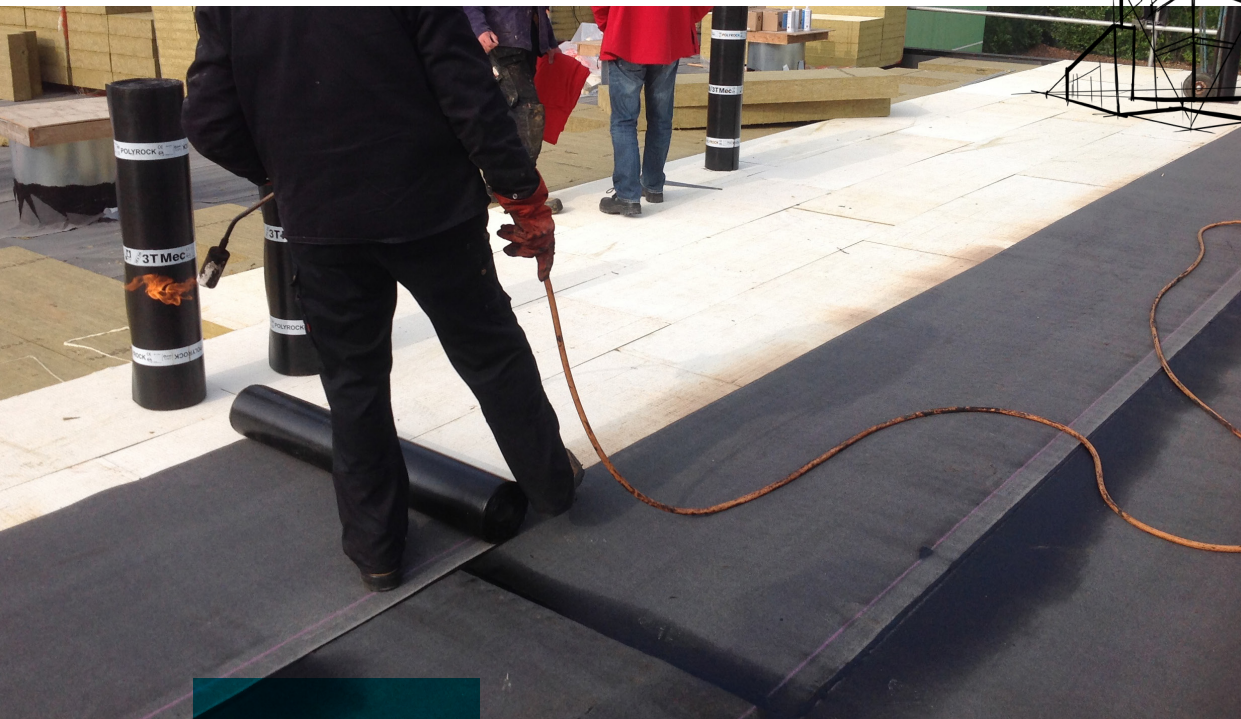


# Multifix™

## Low-Slope Roof Insulation



Multifix™ is a rigid, high-density stone wool insulation product with a mineral-coated fiberglass facer that is compatible with multiple attachment methods including torched, hot-mopped, cold-adhered and liquid systems.

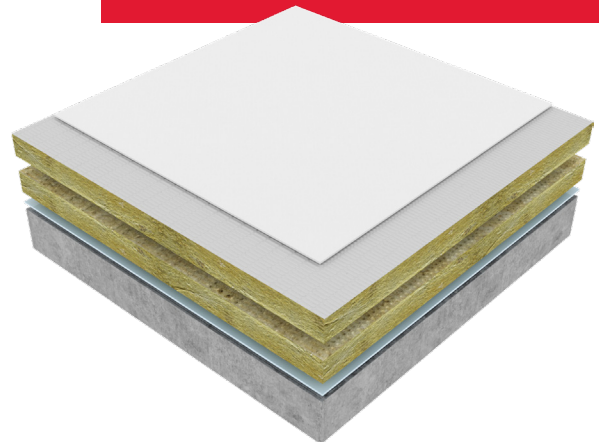
This product can be used as an insulating coverboard over unfaced stone wool and rigid foam insulation. In these cases, Multifix improves performance by regulating the temperature of the thermal insulation.

Multifix™ has exclusive stone wool dual-density properties that feature a higher-density top layer, providing strong point load resistance and effective load distribution to minimize puncture damage to the membrane – particularly during installation.

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

### Energy-saving Performance

Low co-efficient of thermal expansion provides for overall dimensional stability, resulting in optimal thermal performance.



# Multifix™

## Low-Slope Roof Insulating Coverboard

### Technical Data Sheet

Roof Insulation 07220\* • Roof Insulation 07 22 00\*\*  
Mineral Wool Board Insulation 07 21 13\*\*

**ROCKWOOL Multifix™ is a dual-density, stone wool insulation board with a glass fiber coating for low-slope roofing applications.**

	Performance	Test Standard												
Compliance	Standard Specification for Mineral Fiber Roof Insulation Boards - Type 1 Class 1 Approval Standard for Single Ply, Polymer Modified Bitumen Sheet, Built-Up Roof and Liquid Applied Roof Assemblies for use in Class 1 and Noncombustible Roof Deck Construction NCC (Non Combustible Core) Rated Roof Insulation	ASTM C726 FM 4470 FM 4470												
Reaction to Fire	Flame Spread Index = 0; Smoke Developed Index = 0 Flame Spread Rating = 0; Smoke Developed Classification = 0 Combustibility of Materials at 750 °C - Noncombustible Determination of Non-combustibility of Building Materials - Non-combustible Heat Release Rate of Roofing Assemblies with Combustible Components - Class 1 Fire Tests of Roof Coverings - Class A Fire Spread under Roof Deck Assemblies - See ULC Directory Standard Test Methods for Fire Tests of Roof Coverings - Class A Fire Tests of Building Construction and Materials - See UL Directory Fire Endurance Tests of Building Construction and Materials - See UL Directory	ASTM E84 (UL 723) <sup>1</sup> CAN/ULC S102 ASTM E136 CAN/ULC S114 NFPA 276 CAN/ULC S107-03 CAN/ULC S126-06 UL 790 (ASTM E108) UL 263 (ASTM E119) CAN/ULC S101												
Density	Top Layer - 13.75 lb/ft <sup>3</sup> (220 kg/m <sup>3</sup> ) Bottom Layer - 10 lb/ft <sup>3</sup> (160 kg/m <sup>3</sup> ) - for 2" (50.8 mm) and 2.5" (63.5 mm) thickness Bottom Layer - 9.36 lb/ft <sup>3</sup> (150 kg/m <sup>3</sup> ) - for >2.5" (63.5 mm) thicknesses	ASTM C303 ASTM C303 ASTM C303												
Dimensional Stability	Linear Change 7 days @ 200 °F (93 °C), ambient RH – 0 % Linear Change 7 days @ -40 °F (-40 °C), ambient RH – 0 % Linear Change 7 days @ 158 °F (70 °C), 97 % RH – 0 %	ASTM D2126												
Thermal Resistance	<table border="0"> <tr> <td>Mean Temperature</td> <td>R-Value / inch</td> <td>RSI Value / 25.4 mm</td> </tr> <tr> <td>75 °F (24 °C)</td> <td>3.8 hr.ft<sup>2</sup>.F/Btu</td> <td>0.68 m<sup>2</sup>K/W</td> </tr> <tr> <td>40 °F (4 °C)</td> <td>4.2 hr.ft<sup>2</sup>.F/Btu</td> <td>0.72 m<sup>2</sup>K/W</td> </tr> <tr> <td>110 °F (43 °C)</td> <td>3.6 hr.ft<sup>2</sup>.F/Btu</td> <td>0.64 m<sup>2</sup>K/W</td> </tr> </table>	Mean Temperature	R-Value / inch	RSI Value / 25.4 mm	75 °F (24 °C)	3.8 hr.ft <sup>2</sup> .F/Btu	0.68 m <sup>2</sup> K/W	40 °F (4 °C)	4.2 hr.ft <sup>2</sup> .F/Btu	0.72 m <sup>2</sup> K/W	110 °F (43 °C)	3.6 hr.ft <sup>2</sup> .F/Btu	0.64 m <sup>2</sup> K/W	ASTM C518 (C177)
Mean Temperature	R-Value / inch	RSI Value / 25.4 mm												
75 °F (24 °C)	3.8 hr.ft <sup>2</sup> .F/Btu	0.68 m <sup>2</sup> K/W												
40 °F (4 °C)	4.2 hr.ft <sup>2</sup> .F/Btu	0.72 m <sup>2</sup> K/W												
110 °F (43 °C)	3.6 hr.ft <sup>2</sup> .F/Btu	0.64 m <sup>2</sup> K/W												
Reaction to Moisture	Water Absorption - <1.0 vol% Water Vapor Transmission (2 in. thickness evaluated), Desiccant Method - 41 perm (2330 ng/Pa-s-m <sup>2</sup> )	ASTM C209 ASTM E96												
Compressive Resistance	Entire Board - 11 psi (75 kPa) @ 10 %, 15 psi (105 kPa) @ 25 % Point Load @ 5 mm Compression - 996 N (224 lbf)	ASTM C165 EN 12430												
Corrosion Resistance	Corrosiveness to Steel - Passed	ASTM C665												
Thickness Dimensions	Product available in 2" - 4" (50.8 mm - 101.6 mm) in 1/2" (12.7 mm) increments 48" x 48" (1219 mm x 1219 mm)													
Acoustic Performance	Contact ROCKWOOL for STC rated assemblies	ASTM E90												



Issued 12-2024  
Supersedes 09-2022

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. Note 1: Meets Class A requirements for flame spread and smoke-developed indices as per IBC.



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