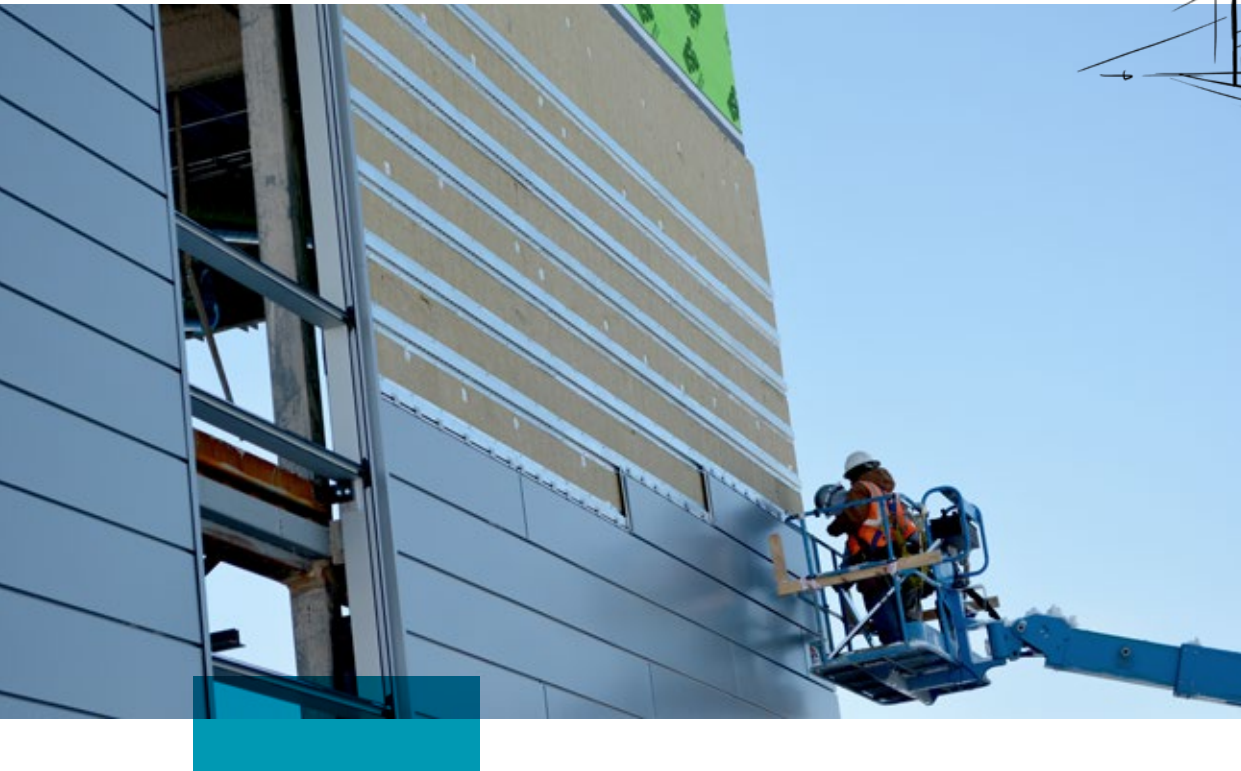


Comfortboard® 110

Exterior Continuous Insulation



ROCKWOOL Comfortboard® 110 is a rigid, high-density, non-combustible stone wool insulation board designed for use as an exterior continuous insulation in commercial applications.

Thermally efficient, moisture resistant and vapor permeable, Comfortboard® 110 is a non-structural external sheathing insulation that creates high-performance wall assemblies to improve the energy efficiency and fire resilience of buildings.

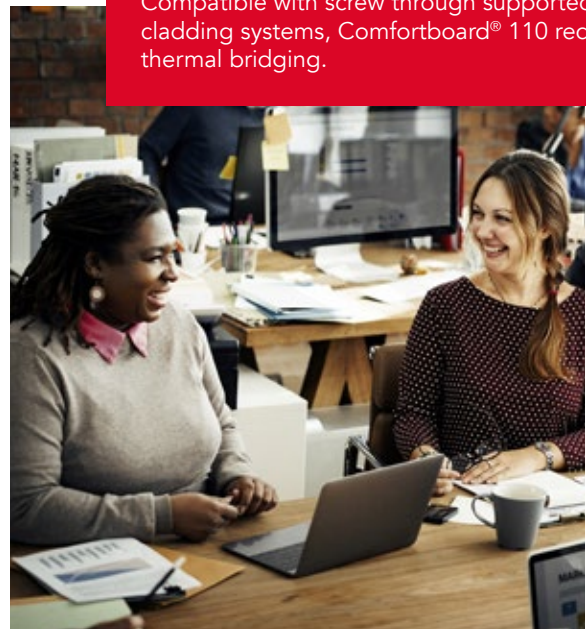
The vapor permeance of ROCKWOOL insulation allows for increased drying potential without trapping transient moisture in the assembly, reducing the risk of mold or corrosion of building components.

Comfortboard® 110 provides the rigidity and durability needed for many exterior cladding assemblies, such as metal and composite panel systems.

Learn more at rockwool.com

Thermal Performance

Compatible with screw through supported cladding systems, Comfortboard® 110 reduces thermal bridging.



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Comfortboard® 110

Exterior Continuous Insulation

Technical Data Sheet
Board Insulation 05080*
Board Insulation 07 21 13**

ROCKWOOL Comfortboard® 110 is a rigid mineral wool, non-structural insulated sheathing board used as continuous insulation in high-performance wall systems.

	Performance								Test Standard
Compliance	Mineral Fiber Block and Board Thermal Insulation - Type IVB Compliant Mineral Fibre Thermal Insulation for Buildings - Type 1 Compliant								ASTM C612 CAN/ULC S702
Reaction to Fire	Flame spread index = 0; Smoke developed index = 0 Flame spread index = 0; Smoke developed index = 0 Determination of Non Combustibility of Building Materials - Non Combustible Behaviour of materials at 750°C - Non Combustible								ASTM E84 (UL 723) CAN/ULC S102 CAN/ULC S114 ASTM E136
Density	Actual Density - 11 lbs/ft³ (176 kg/m³)								ASTM C303
Corrosion Resistance	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel - Passed Corrosion of Steel - Passed Corrosion to Aluminum - Passed								ASTM C795 ASTM C665 ASTM C665
Thermal Resistance	R-Value / inch @ 75°F RSI value / 25.4 mm @ 24°C		4 hr.ft².F/Btu 0.70 m²K/W						ASTM C518 (C177)
Reaction to Moisture	Moisture Sorption - 0.28% Water Vapor Transmission, Desiccant Method - 2160ng/Pa.s.m² (35 perm) Water Absorption - 1.2% Determination of Fungi Resistance - Passed								ASTM C1104 ASTM E96 ASTM C209 ASTM C1338
Compressive Strength	584psf (28kPa) @ 10% compression 1566psf (75kPa) @ 25% compression								ASTM C165
Thickness Dimensions	1" (25.4 mm), 1.25" (32 mm), 1.5" (38.1 mm), 2" (50.8 mm), 2.5" (63.5 mm), 3" (76.2 mm), 4" (101.6 mm), 5" (127 mm) 24" x 48" (610 mm x 1219 mm), 48" x 72" (1219 mm x 1829 mm)								
Acoustical Performance	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000Hz	4000 Hz	NRC	ASTM C423
	1"	0.13	0.49	0.85	0.89	0.89	0.97	0.8	
	2"	0.5	0.71	0.85	0.9	0.96	1.01	0.85	



For more information regarding the certifications and listings of our stone wool insulation products, please visit:

rockwool.com/north-america/about-us/sustainability/certifications-and-listings/

Issued 03-01-21
Supersedes 08-23-17

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.

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