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
**COMFORTBOARD™ 110**

Continuous Insulation

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

<table>
<thead>
<tr>
<th>Performance</th>
<th>Test Standard</th>
</tr>
</thead>
</table>
| 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 | ASTM E84 (UL 723)  
CAN/ULC S102  
CAN/ULC S114 |
| 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), 2” (50.8 mm), 2.5” (63.5 mm), 3” (76.2 mm)  
24” x 48” (610 mm x 1219 mm), 48” x 72” (1219 mm x 1829 mm) | ASTM C423 |

**Acoustical Performance**

<table>
<thead>
<tr>
<th>Thickness</th>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1000 Hz</th>
<th>2000 Hz</th>
<th>4000 Hz</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1”</td>
<td>0.13</td>
<td>0.49</td>
<td>0.85</td>
<td>0.89</td>
<td>0.97</td>
<td>0.97</td>
<td>0.8</td>
</tr>
<tr>
<td>2”</td>
<td>0.5</td>
<td>0.71</td>
<td>0.85</td>
<td>0.9</td>
<td>0.96</td>
<td>1.01</td>
<td>0.85</td>
</tr>
</tbody>
</table>

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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 warrant 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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