Insulated stucco systems with ROCKWOOL stone wool insulation provide a high performance, durable solution for residential, commercial and institutional buildings.

Noncombustible and fire resistant, stone wool and stucco cladding work effectively together in fire-rated wall assemblies for improved occupant safety. Stone wool can also provide increased comfort by improving the acoustic performance of exterior walls, has a high drying potential, excellent pest resistance, and is inherently durable for long-term performance.

**Fire Rated Assembly Solutions**

Stone wool is a noncombustible insulation product that can provide increased fire resilience to exterior wall assemblies. Incorporating stone wool insulation into stucco assemblies provides a solution for use in WUI zones and in areas with lot line considerations, including urban development projects. ROCKWOOL has available 1 hour fire-rated insulated stucco assemblies that have been tested to ASTM E119.

ROCKWOOL Comfortboard products have secured approval within the California State Fire Marshal’s Building Materials Listing Program (BML). Learn more about CAL FIRE

In partnership with one-coat system manufacturers, we can offer systems that meet NFPA 285 requirements. Find NFPA 285 Solutions

### One Hour Fire-Rated Exterior-Insulated Stucco Assemblies

<table>
<thead>
<tr>
<th>Design No. RI/MFF 60-03</th>
<th>Design No. RI/MFF 60-04</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fire-Resistance Rating:</strong> 1 hour</td>
<td><strong>Fire-Resistance Rating:</strong> 1 hour</td>
</tr>
<tr>
<td><strong>Limited Load Bearing:</strong> 58% loading</td>
<td><strong>Unrestricted Load Bearing</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Report Number</th>
<th>Interior Finish</th>
<th>Framing</th>
<th>Batt Insulation</th>
<th>Sheathing</th>
<th>WRB (options)</th>
<th>Board Insulation</th>
<th>Lath</th>
<th>Stucco Base and Finish</th>
<th>Link</th>
</tr>
</thead>
</table>
| RI/MFF 60-03  | 5/8” Type X Gypsum | 2x4 wood studs, 16” or 24” o.c | ROCKWOOL Comfortbatt 3.5” | None | • Grade D Building Paper  
• Delta Vent SA  
• Compliant WRB per listing | ROCKWOOL Comfortboard 80 | min. 20ga self-furring lath | min. 3/8” base coat and min. 1/8” finish coat | View Listing |
| RI/MFF 60-04  | 5/8” Type X Gypsum | 2x4 wood studs, 16” or 24” o.c | ROCKWOOL Comfortbatt 3.5” | 7/16” OSB or plywood | • Grade D Building Paper  
• Delta Vent SA  
• Compliant WRB per listing | ROCKWOOL Comfortboard 80 | min. 20ga self-furring lath | min. 3/8” base coat and min. 1/8” finish coat | View Listing |

For information on the assemblies listed here and other fire-rated assembly options, visit [rockwool.com/fire-rated-assemblies](http://rockwool.com/fire-rated-assemblies)
Acoustic Assembly Solutions
When designing with stucco in exterior wall assemblies, ROCKWOOL stone wool insulation can help to improve acoustic performance for added occupant comfort.

ROCKWOOL has a series of solutions tested for Sound Transmission Class (STC - ASTM E90) and Outdoor-Indoor Sound Attenuation (OITC - ASTM E1332) to support the design of healthy and comfortable buildings.

Tested acoustic and fire-rated stucco assemblies can be used together to provide improved fire and acoustic performance. Ensure minimum assembly requirements are met when designing your assembly.

### Acoustic Tested Exterior-Insulated Stucco Assemblies

<table>
<thead>
<tr>
<th>Report Number</th>
<th>Interior Finish</th>
<th>Stud Type</th>
<th>Batt Insulation</th>
<th>Sheathing</th>
<th>WRB</th>
<th>Board Insulation</th>
<th>Lath</th>
<th>Stucco Base and Finish Coat</th>
<th>STC</th>
<th>OITC</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9896.02</td>
<td>5/8” Type X Gypsum</td>
<td>2x4 wood studs, 16” o.c</td>
<td>None</td>
<td>7/16” OSB</td>
<td>Grade D Building Paper</td>
<td>1” ROCKWOOL Comfortboard 80</td>
<td>min. 17 ga self-furring lath</td>
<td>min. 3/8” base coat and min. 1/8” finish coat</td>
<td>45</td>
<td>34</td>
</tr>
<tr>
<td>M9896.01</td>
<td>5/8” Type X Gypsum</td>
<td>2x4 wood studs, 16” o.c</td>
<td>3.5” ROCKWOOL Comfortbatt</td>
<td>No Sheathing</td>
<td>Grade D Building Paper</td>
<td>1.5” ROCKWOOL Comfortboard 80</td>
<td>min. 17 ga self-furring lath</td>
<td>min. 3/8” base coat and min. 1/8” finish coat</td>
<td>46</td>
<td>35</td>
</tr>
<tr>
<td>M9896.03</td>
<td>5/8” Type X Gypsum</td>
<td>2x4 wood studs, 16” o.c</td>
<td>3.5” ROCKWOOL Comfortbatt</td>
<td>7/16” OSB</td>
<td>Grade D Building Paper</td>
<td>1” ROCKWOOL Comfortboard 80</td>
<td>min. 17 ga self-furring lath</td>
<td>min. 3/8” base coat and min. 1/8” finish coat</td>
<td>47</td>
<td>34</td>
</tr>
<tr>
<td>M9896.04</td>
<td>5/8” Type X Gypsum</td>
<td>2x4 wood studs, 16” o.c</td>
<td>3.5” ROCKWOOL Comfortbatt</td>
<td>7/16” OSB</td>
<td>Delta Vent SA</td>
<td>1” ROCKWOOL Comfortboard 80</td>
<td>min. 17 ga self-furring lath</td>
<td>min. 3/8” base coat and min. 1/8” finish coat</td>
<td>48</td>
<td>35</td>
</tr>
<tr>
<td>M9896.05</td>
<td>5/8” Type X Gypsum</td>
<td>2x4 wood studs, 16” o.c</td>
<td>3.5” ROCKWOOL Comfortbatt</td>
<td>7/16” OSB</td>
<td>Grade D Building Paper</td>
<td>3” ROCKWOOL Comfortboard 80</td>
<td>min. 17 ga self-furring lath</td>
<td>min. 3/8” base coat and min. 1/8” finish coat</td>
<td>49</td>
<td>37</td>
</tr>
</tbody>
</table>

Tested assemblies have been designed to work with several proprietary manufacturer one-coat stucco systems. Please follow the details outlined in the stucco system manufacturers specifications where use of components must follow the Evaluation Report without substitutions.

ROCKWOOL Comfortboard and Comfortbatt stone wool insulation products are available through Insulation Distributors, Gypsum Supply Dealers and EIFS/Stucco dealers. For information on the availability of stone wool insulation products, reach out to your local ROCKWOOL representative.

For more information on stucco with ROCKWOOL stone wool insulation, including a list of approved one-coat system manufacturers, visit rockwool.com/stucco

Have more questions? Contact our technical services team for more information about our available solutions at rockwool.com/contact