

# NFPA 285 ASSEMBLY GUIDE

## RMAX EVOMAXci

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WALL COMPONENT	MATERIALS	
<b>Base Wall</b>	<ul style="list-style-type: none"> <li>Steel studs (3 5/8" 20GA min) with interior gypsum wallboard (1/2" min)</li> </ul>	<ul style="list-style-type: none"> <li>Concrete or concrete masonry wall</li> </ul>
<b>Floor Line Fire-Stopping</b>	<ul style="list-style-type: none"> <li>Mineral fiber insulation (4 pcf)</li> </ul>	
<b>Cavity Insulation</b>	<ul style="list-style-type: none"> <li>None</li> <li>Mineral fiber or fiberglass (faced or unfaced)</li> </ul>	<ul style="list-style-type: none"> <li>Any non-combustible insulation</li> </ul>
<b>Exterior Sheathing</b>	<ul style="list-style-type: none"> <li>None</li> <li>Exterior gypsum sheathing (1/2" min)</li> </ul>	
<b>WRB Over Sheathing</b>	<ul style="list-style-type: none"> <li>None</li> <li>BASF Enershield®-HP or Enershield®-I</li> <li>Dow WEATHERMATE™ or WEATHERMATE™ Plus</li> <li>Carlisle Barritech™ NP, Barritech™ VP or Fire Resist 705FR-A</li> <li>Henry Air-Bloc® 17, Air-Bloc® 21MR, Air-Bloc® 31MR, Air-Bloc® 33MR, Blueskin® SA, BlueskinVP™ 160, EnviroCap, FOILSKIN® or Metal Clad</li> </ul>	<ul style="list-style-type: none"> <li>Pactiv GreenGuard® MAX™ Building Wrap</li> <li>Prosoco R-Guard® Cat 5®, R-Guard® MVP, R-Guard® Spray Wrap or R-Guard® VB</li> <li>Soprema Sopraseal Stick VP</li> <li>Soprema Sopraseal Stick 1100T (only with claddings 1-6, non-open joint)</li> <li>Dupont Tyvek® (various per ESR-2375)</li> <li>VaproShield RevealShield SA™ or WrapShield SA®</li> </ul>
<b>Exterior Insulation</b>	<ul style="list-style-type: none"> <li>Cladding Option 1-6 (non-open joint): EVOMAXci, 4.5" max</li> </ul>	<ul style="list-style-type: none"> <li>Cladding Option 1-12: EVOMAXci, 3" max</li> </ul>
<b>WRB Over Insulation</b>	<ul style="list-style-type: none"> <li>For use with all cladding options (any installation technique) <ul style="list-style-type: none"> <li>None</li> <li>Tape over insulation joints (6" max) <ul style="list-style-type: none"> <li>Rmax R-SEAL 3000; any asphalt or butyl based</li> </ul> </li> <li>Carlisle Fire Resist 705FR-A</li> <li>Henry FOILSKIN® or Metal Clad</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>For use with cladding options 1-6 (non-open joint installation technique) <ul style="list-style-type: none"> <li>Dow WEATHERMATE™ or WEATHERMATE™ Plus</li> <li>Pactiv GreenGuard® MAX™ Building Wrap</li> <li>Dupont Tyvek® (various per ESR-2375)</li> </ul> </li> </ul>
<b>Exterior Cladding Options 1-6</b>	<ul style="list-style-type: none"> <li>Brick, standard 4" clay brick with maximum 2" air gap</li> <li>Stucco, cement plaster (3/4" min) and lath with optional secondary WRB (not asphaltic or self-adhered butyl)</li> <li>Limestone (2" min)</li> </ul>	<ul style="list-style-type: none"> <li>Natural Stone Veneer (2" min)</li> <li>Cast Artificial Stone Veneer (1 1/2" min)</li> <li>Terracotta Cladding (1 1/4" min)</li> </ul>
<b>Exterior Cladding Options 7-12</b>	<ul style="list-style-type: none"> <li>Any MCM (aluminum, steel, copper) that has successfully passed NFPA 285</li> <li>Metal panel, uninsulated (aluminum, steel, copper)</li> <li>Fiber-cement siding, uninsulated</li> <li>Stone/Aluminum honeycomb composite building panels passing NFPA 285 <ul style="list-style-type: none"> <li>Stone Panels, Inc. StoneLite panel system</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Autoclaved-aerated-concrete (AAC) panels passing NFPA 285</li> <li>Thin Set Brick <ul style="list-style-type: none"> <li>Glen-Gery Thin Tech® - Elite Series</li> </ul> </li> </ul>
<b>Window Headers</b>	<ul style="list-style-type: none"> <li>Aluminum flashing (0.078" min)</li> </ul>	
<b>Flashing</b>	<ul style="list-style-type: none"> <li>Rmax R-SEAL 6000; any asphalt, acrylic or butyl based (12" max)</li> </ul>	

