## NFPA 285 Wall Assembly
### ArmorWall PB Structural Insulated Sheathing™

This is a summary of various ArmorWall assemblies that meet and have been tested to the requirements of NFPA 285.

<table>
<thead>
<tr>
<th>WALL COMPONENTS</th>
<th>MATERIALS</th>
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</table>
| **Base Wall System**          | 1. Steel Stud – Min. 3 5/8” depth 20-gauge stud at max. of 16” OC covered on interior with (1) layer of min. 5/8” Type X Gypsum Board  
2. Concrete Wall               
3. Concrete Masonry Unit Wall  |
| **Cavity Insulation**         | 1. Mineral Wool – stud cavity filled                                                                  
2. Glass Fiber – stud cavity filled                                    |
| **Exterior Sheathing**        | Min. 5/8” thick exterior gypsum sheathing                                                             |
| **Water-Resistive Barrier applied to Exterior Sheathing** | 1. DuPont Tyvek Commercial Wrap or Commercial Wrap D                                                |
| **Composite Exterior Sheathing** | MaxLife ArmorWall PB - Max. 3 3/4” thickness installed with fasteners spaced max. 12” OC with joints oriented horizontally or vertically |
| **Opening Finishing**         | 5/8” nominal composite exterior sheathing without insulation attached to open return of composite sheathing cut edge with polyurethane concealing entire cut edge of panel surrounding opening |
| **Exterior Finishing and Cladding** | Use either 1, 2, 3, 4, or 5  
1. Concrete – Min. 2” thick adhered directly to composite sheathing  
2. Concrete Masonry Units – Min. 2” thick adhered directly to composite sheathing  
3. Stone Veneer – Min. 2” thick natural stone veneer adhered directly to composite sheathing  
4. Terracotta Cladding – Min. 1 1/4” thick with any standard non-open joint installation technique such as ship lap  
5. Stucco – Min. 3/4” thick exterior cement plaster lath |

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