**NFPA 285 Wall Assemblies**

MasterSeal® AWB | BASF Wall Systems Exterior

Insulation and Finish System

Note: This is a summary of various wall assemblies that meet the requirements of NFPA 285.

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<th>WALL COMPONENTS</th>
<th>MATERIALS</th>
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| **Base Wall System** | 1. Concrete wall  
2. Concrete Masonry wall.  
3. 1 layer – 1/2-inch thick gypsum wallboard on interior, installed over steel studs: minimum 3 5/8-inch depth, minimum 20-gauge at a maximum of 16-inch OC. |
| **Floorline Fire Stopping** | 4 lb/cu ft. mineral wool in each stud cavity at each floorline |
| **Cavity Insulation** | 1. None  
2. Any non-combustible insulation (faced or unfaced) |
| **Exterior Sheathing** | 1. None (if concrete wall or masonry wall)  
2. 1/2 inch thick, exterior type gypsum sheathing |
| **Water-Resistive/Air Barrier Applied to Exterior Sheathing, Concrete or Masonry** | 1. MasterSeal AWB 660  
2. MasterSeal AWB 660 I  
3. MasterSeal AWB 665 |
| **Exterior Continuous Insulation** | Expanded Polystyrene Foam (EPS) – C578 Type I & be Class A per ASTM E84– maximum thickness of 12-inches |
| **Board Joints / Flashing** | 1. 4-inch wide MasterSeal AWB 971 FIB installed over all horizontal and vertical joints, embedded in MasterSeal AWB 660, 660 I, or 665.  
2. MasterSeal AWB 900 installed over all horizontal and vertical joints |
| **Exterior Veneer** | BASF Base Coat, Reinforcing Mesh, and acrylic finish |