

DuPont™ ArmorWall™ Systems Benefits

Air and Water-Resistance

Water-Resistive Barrier

DuPont™ ArmorWall™ Plus Fire-Rated (FR) Structural Insulated Sheathing (SIS) passes ASTM E331 as a water-resistive barrier for pressure totaling two hours and complies fully with Chapter 14 of the International Building Code (IBC) for water-resistive barriers. Once the fasteners and seams have been sealed, the structure is considered weathered and dried-in and interior construction may commence.

Air-Resistive Barrier

Once properly sealed using ArmorSeal Sealant at all seams and sheathing fasteners, ArmorWall™ Plus FR SIS panels meet the IBC and ASTM E283 requirements for an air barrier assembly without the need for additional materials.

All fasteners that fully penetrate the panels are sealed during installation. Cladding attachment fasteners, which do not fully penetrate ArmorWall™ Plus FR SIS, create a back-sealed fastener that does not require sealing. This feature greatly decreases the chance of air or water leakage within the completed wall assembly, while increasing speed of installation.

Expect Reliable Results with ArmorWall™ Plus FR SIS

ArmorWall™ Plus FR SIS has a factory-applied, high quality air and water-resistive barrier, making it more cost-effective than a field-applied membrane. In addition, the level of consistency reached in a factory setting surpasses that of a field application, providing better dependability and performance in the field.

- Passes ASTM E331 as a water-resistive barrier and complies with Chapter 14 of the International Building Code (IBC) as a water-resistive barrier
- Meets the IBC and ASTM E283 requirements for an air barrier assembly without the need for additional materials



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