

## DuPont™ ArmorWall™ Systems Benefits

# Structural Sheathing

### Strengthen Your Building with ArmorWall™

DuPont<sup>™</sup> ArmorWall<sup>™</sup> Plus Fire-Rated (FR) Structural Insulated Sheathing (SIS) uses patented Fusion Technology to fuse Magnesium Oxide (MgO) sheathing onto the exterior face of the panel in order to gain high strength and durability not commonly found today in traditional building enclosure products.

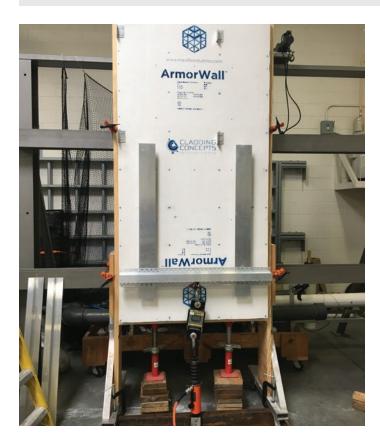
Due to the rigidness of the structural sheathing, ArmorWall<sup>™</sup> Plus FR SIS carries wind deflection in both the positive and negative loading for the installation of even the most brittle assemblies over smaller gauge stud assemblies that can further reduce costs of a project.

With its ability to move the stud face to the exterior face of the sheathing, ArmorWall™ Plus FR SIS has been tested to support loads equivalent to most building cladding finishes, with minimal creep while under load.

## **ArmorWall™ Provides Dependability:**

- · Reduces cross-bracing of both wood and steel framing
- ArmorWall<sup>™</sup> Plus FR SIS can be exposed to weather for up to 180 days
- · Attach nearly any form of cladding directly to the sheathing, without locating the studs or substrate beyond
- Passes ASTM E330 and ASTM E72 for Structural Performance and Strength
- Dead Load Anchor Testing yields very strong results
- · Can be used in high velocity wind and seismic sensitive areas

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#### **Customer Service**

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