

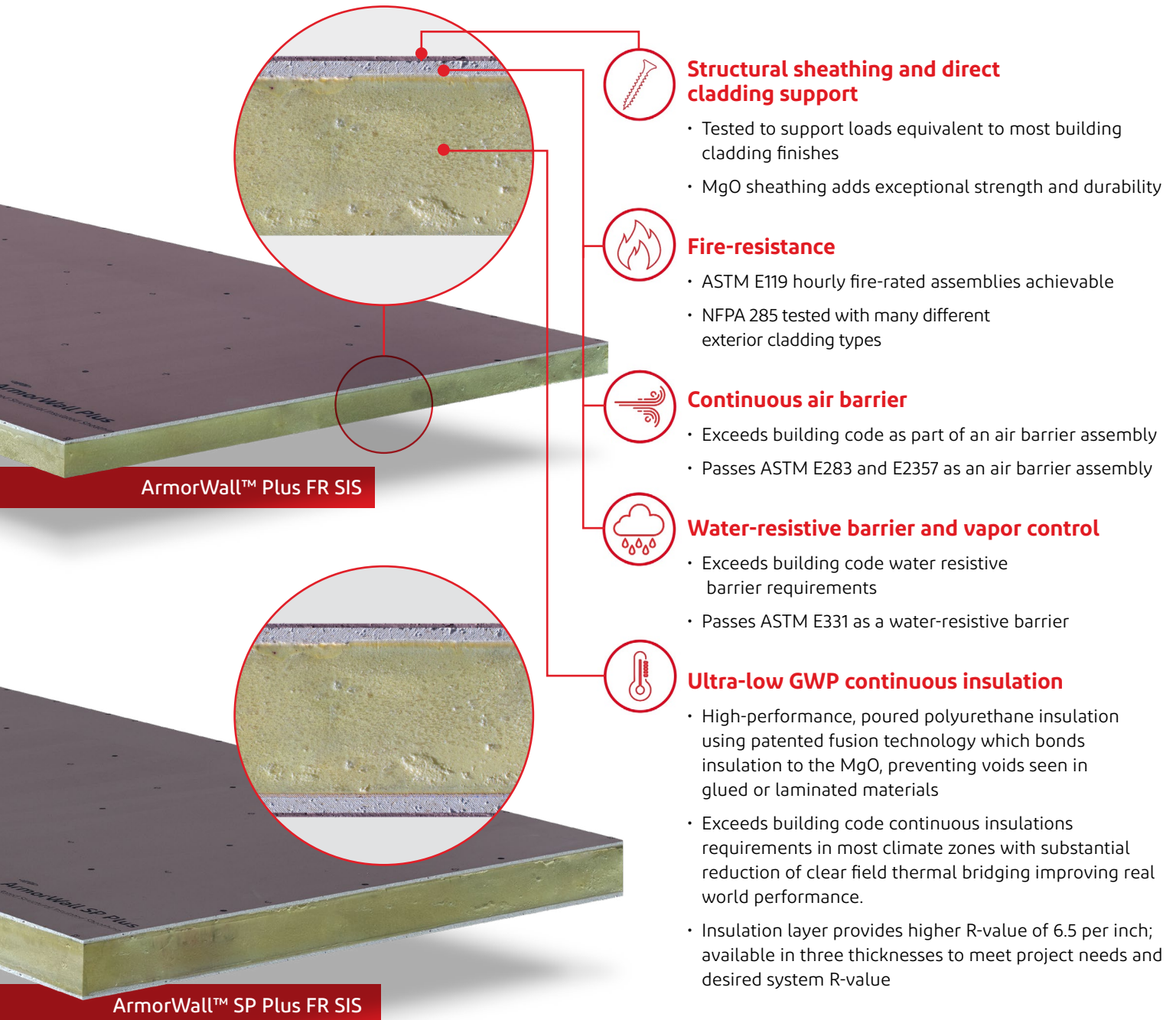
DuPont™ ArmorWall™ System

A 5-in-1 exterior wall solution



Five performance layers. One streamlined system.

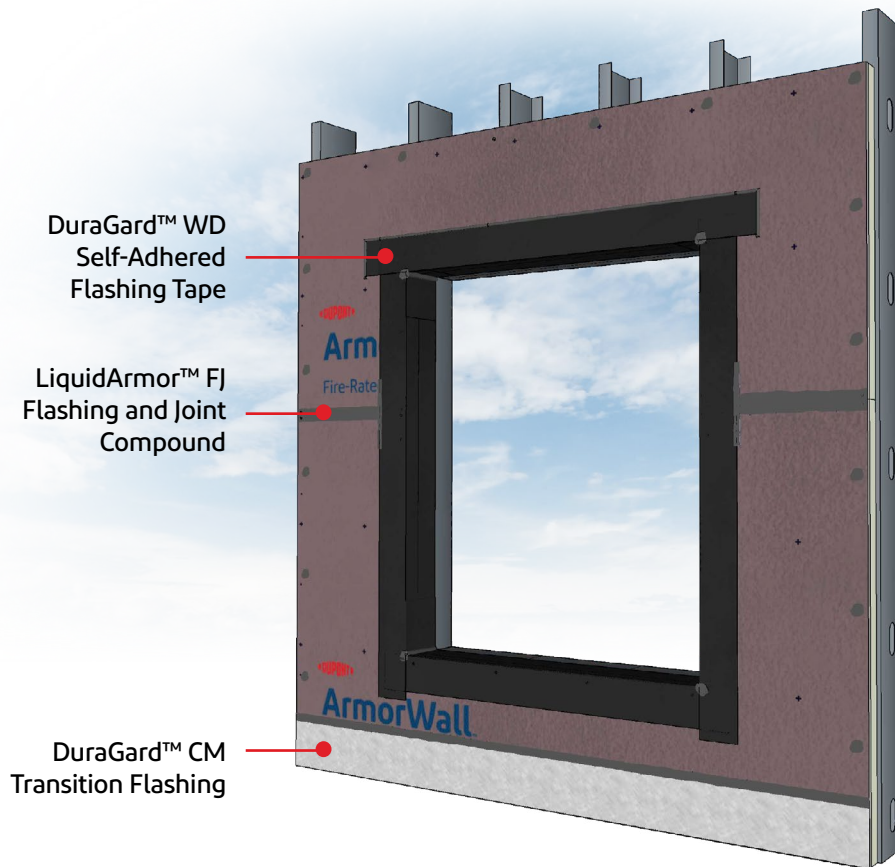
Simplicity meets superior performance with the DuPont™ ArmorWall™ System. This innovative exterior wall solution incorporates five traditional building enclosure elements:



ASTM E119 2-hour fire rated assemblies achievable

Accessories engineered to complete the ArmorWall™ System

DuPont recommends and offers a variety of fasteners*, including brick ties for the ArmorWall™ System based on panel thickness, structural substrate and cladding.



DuPont™ DuraGard™ WD is a primerless window and door rough opening flashing tape that keeps air and water out and can help improve durability and energy efficiency.

DuPont™ LiquidArmor™ FJ requires just one application and is easily tooled to the proper thickness and is used at panel joints, penetrations and fastener heads to complete the air- and water-resistive barrier continuity of the ArmorWall™ System.

DuPont™ DuraGard™ CM is a primerless, multipurpose and self-adhered flashing suitable for numerous applications.

*Available directly from DuPont and standard distribution channels; refer to the [Fastener Guide](#) for recommended fasteners and detailed installation guidelines.





Third-party verified performance featured in five ICC-ES Listings:

- **ESL-1302 for ASTM E119:**
30-minute, 1-hour and 2-hour
fire-rated wall assemblies
- **ESL-1306 for ASTM E330:**
Structural design load values for
panel attachment
- **ESL-1442 for NFPA 285:**
Compliance for exterior fire safety
- **ESL-1536 for ASTM E72:**
Structural panel racking and
shear strength
- **ESL-1543 for ASTM D1761:**
Structural pull out and lateral design
loads for cladding attachment



- [Five ICC-ES Listings](#) **ESL-1302, ESL-1306, ESL-1442, ESL-1536, ESL-1543**
- [GreenCircle](#) Certified DuPont™ ArmorWall™ System products have completed a manufacturer inventory and are publicly available
- [LEED 4 and 4.1](#) compliant



Attach a multitude of claddings directly to ArmorWall™ Structural Insulated Sheathing

Due to the incredible structural strength and rigidity the MgO sheathing brings to the DuPont™ ArmorWall™ System, cladding and veneers can be directly attached to nearly any location on the exterior panel.

ArmorWall™ panels are a preferred attachment surface for:

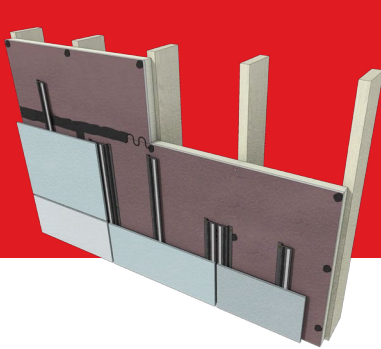
- Metal composite material (MCM)
- Brick or CMU veneers
- EIFS
- Natural or manufactured stone veneer
- Rainscreens
- Fiber cement siding

«DUPONT»

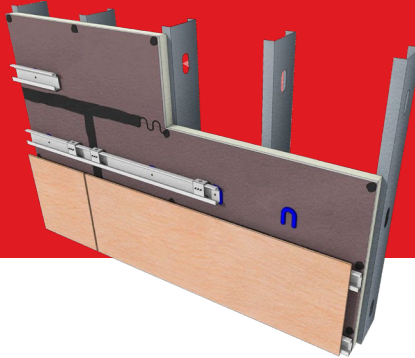
ArmorWall™

Minimize labor.
Maximize efficiency.

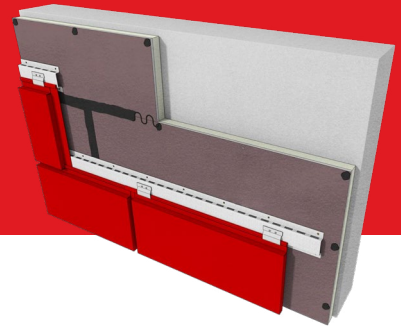
Not only can cladding be directly attached to ArmorWall™ panels, ArmorWall™ can be installed to wood studs, metal studs and concrete.



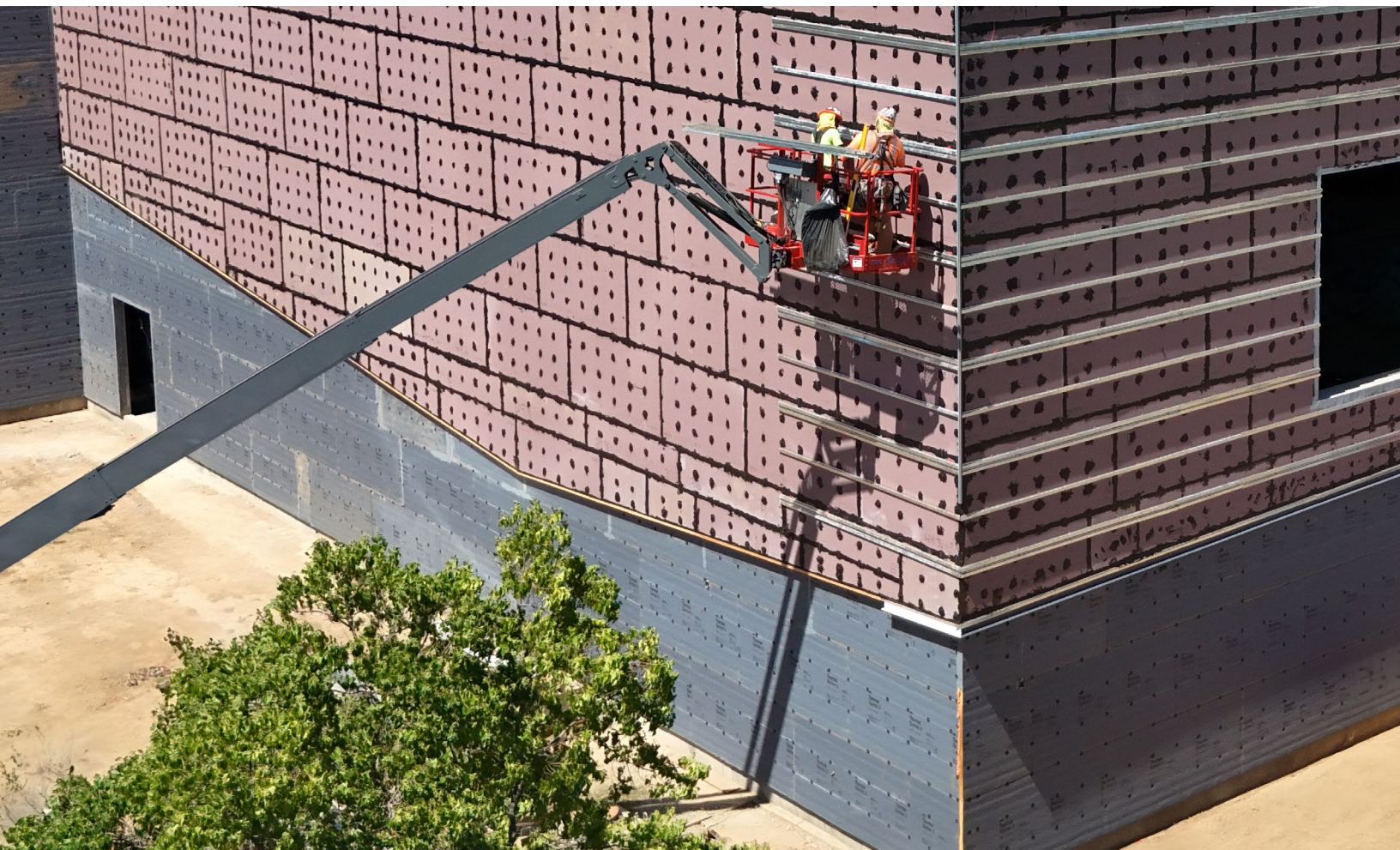
Wood



Metal



Concrete





Case Study:

11 E Lenox Multifamily Building, Boston, MA

DuPont™ ArmorWall™ System was specified for use in Boston's first ground-up Mass Timber project

The system's many benefits include labor and schedule savings, air, water and fire resistance and structural support for cladding materials.

In addition, the fused design of ArmorWall™ Plus FR SIS addresses any long-term potential for delamination of the polyurethane core and the sheathing. Delamination is sometimes associated with adhered or laminated panels.

Completed in 2022, the Passive House project was PHIUS-pre-certified and projected to use 81% less energy than a baseline building EUI of 65 according to 2020 Challenge baseline metric.

"ArmorWall™ is a structural insulated sheathing, which means that we can direct-apply cladding and fenestration to it without the need of additional girts and trades on site – which saves us time, labor and, ultimately, money."

- **William Lee**, project architect,
Monte French Design Studio



Watch videos



**Download
case study**



Go beyond compliance

We're going further than ensuring environmental compliance; we're continuing to advance our 2030 Sustainability Goals and invest in global efforts and technology innovations to help you design and build energy-efficient, resilient and durable structures in this rapidly changing world. The DuPont™ ArmorWall™ System helps reduce onsite waste since weather-resistive barriers, insulation and structural furring such as hat channels are no longer needed to be installed separately.

Warranty protection from a trusted name

In the United States, a 10-year limited warranty is available from DuPont on the ArmorWall™ components, including the structural insulated sheathing, sealant and flashing. Visit the [ArmorWall Resource Center](#) or contact your DuPont Performance Building Solutions representative for details.

DuPont has you covered on all six sides and in between with full building envelope protection. Visit [AllSixSides.com](#) for more information.

For more information, visit [armorwall.dupont.com](#) or call **866.583.2583** to locate a sales rep in your area.

Safe handling

DuPont has evaluated the ArmorWall™ System and a dust mask, safety glasses or goggles, and standard construction protective equipment is sufficient protection. In areas with limited ventilation or for increased exposure (extensive and repeated cutting), additional PPE and respiratory protection may be warranted. Confirm project PPE requirements with the job specific hazard analysis and safety plan.

DANGER! Please obtain special instructions at [LiquidArmorFJ.DuPont.com](#). Do not handle until all safety precautions have been read and understood. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves and protective clothing. Use personal protective equipment as required. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF EXPOSED OR CONCERNED: Get medical advice/attention. Immediately call a poison center/doctor. IF SKIN IRRITATION OR RASH OCCURS: Get medical advice/attention. Wash contaminated clothing before reuse. Store locked up. Dispose of contents/container to an approved waste disposal plant. Please refer to the Safety Data Sheet for first aid information.



[armorwall.dupont.com](#)

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