

Benefits Summary: DuPont™ ArmorWall™ System and aPlank

Design flexibility and superior performance in a single assembly

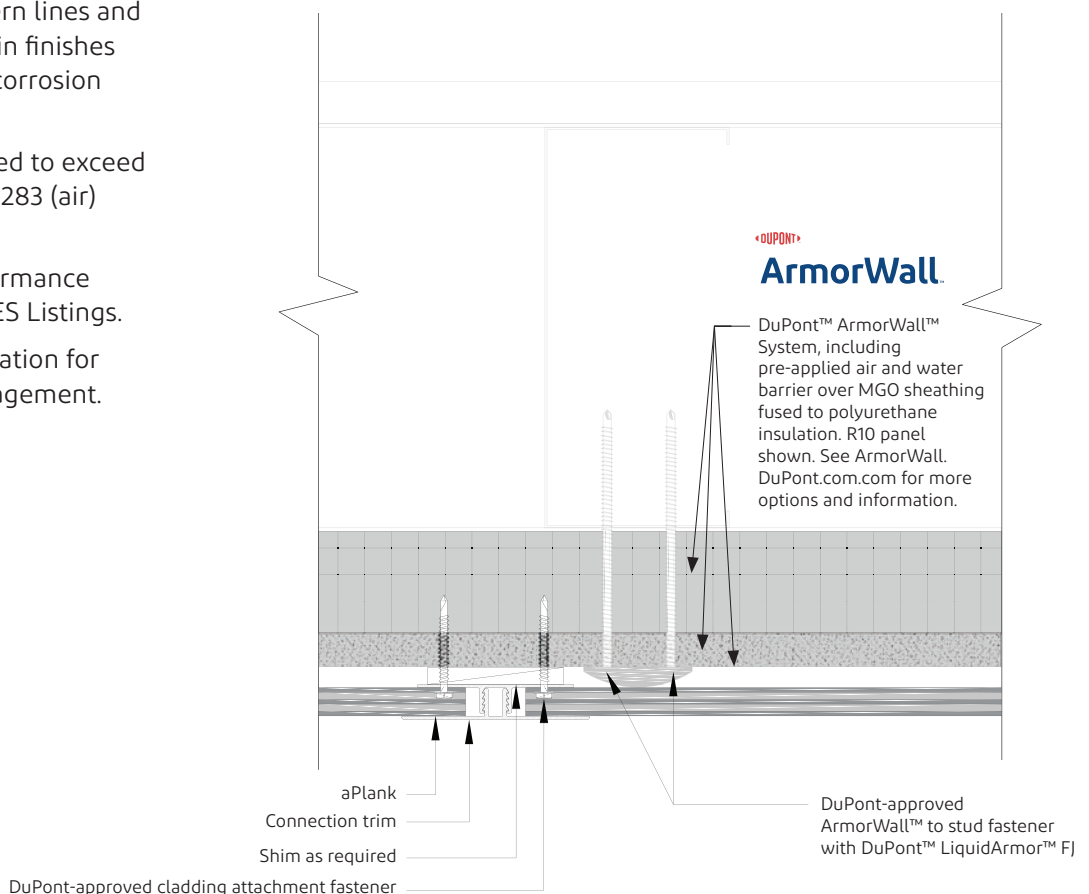
The benefits of an assembly with ArmorWall™ and aPlank can include:

- Systems designed for streamlined installation—reducing labor costs, simplifying project schedules, and ultimately accelerating your path to completion.
- Combined assembly is NFPA 285 approved (see [ESL-1442 for NFPA 285 Assemblies](#)).
- aPlank offers sleek modern lines and natural-looking woodgrain finishes while resisting warping, corrosion and everyday wear.
- ArmorWall™ System tested to exceed typical E331 (water) and E283 (air) test protocols.
- Third-party verified performance featured in multiple ICC-ES Listings.
- Continuous exterior insulation for effective dew point management.



Spotlight: Superior Clear Field Thermal Performance with up to 93% Retention

Due to elimination of conductive sub-girt assemblies, which reduce effective thermal resistance, the ArmorWall™ System helps provide exceptional thermal performance via a continuous insulation design with minimal thermal loss. Clear field thermal analysis performed by Stantec (formerly Morrison Hershfield) of the assembly below demonstrated 93% retention of its thermal resistance, well above typical assemblies, when the impact of structural attachment is included.



What is aPlank?

Extruded Aluminum Construction

aPlank is an extruded aluminum metal panel giving it greater strength, design flexibility and cleaner lines when compared to light gauge roll-formed panels.

Non-Combustible

aPlank aluminum panels meet or exceed fire safety requirements, making them an ideal complement to high-performance building systems.

Realistic Woodgrain & Custom Finishes

From natural wood aesthetics to modern metallics and solid colors, aPlank can achieve a broad range of styles and textures.

Durable & Lightweight

Built to resist warping, corrosion, and everyday wear, while remaining easy to handle and install.

Recyclable

aPlank aluminum panels are recyclable⁽¹⁾, contributing to a sustainable building envelope design and reduced environmental impact.

⁽¹⁾ aPlank products can be recycled at any aluminum recycler who processes pure aluminum and aluminum alloys



Photo courtesy of aPlank

What is ArmorWall™?

A 5-in-1 exterior wall solution

The DuPont™ ArmorWall™ System incorporates five traditional building enclosure elements:

- Structural Sheathing for Direct Cladding Attachment
- Fire-Resistance
- Continuous Air Barrier
- Water-Resistive Barrier
- Ultra Low-GWP Continuous Insulation Layer

With its integrated air/water barrier, the ArmorWall™ System helps enable building enclosure compared to traditional assemblies. This helps reduce contractors' weather-related concerns, allowing for quicker turnover to owners.

Attaching essentially any cladding type, including traditional rainscreens, brick, stucco and EIFS is no problem for ArmorWall™ thanks to its unique Magnesium Oxide (MgO) sheathing, offering exceptional strength and durability.



For more information visit us at armorwall.dupont.com or call 1-833-338-7668

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