

# DuPont™ LiquidArmor™ QS Flashing and Sealant

Advanced Liquid Flashing Alternative for Commercial Applications

## OVERVIEW

### Description

DuPont™ LiquidArmor™ QS Flashing and Sealant is a quick skinning, innovative, liquid flashing solution designed to provide advanced moisture and air sealing protection to commercial buildings. A unique alternative to flashing tape, the elastomeric spray forms a tight, seamless barrier along the rough openings of windows and doors while helping to significantly reduce labor time.

LiquidArmor™ QS offers excellent sealing for the installation of the Thermax™ Wall System and or the Ultra Wall System. The liquid flashing solution covers and seals hard-to-reach gaps up to a quarter inch wide and offers a reliable replacement to peel and stick flashing tapes commonly used on board joints of commercial buildings. The versatile, water-based coating of LiquidArmor™ QS works on a wide range of surfaces, including foam boards, steel studs, concrete masonry units, tapes and wood buck. With sprayable, aqueous technology, it facilitates a consistent application using commonly available airless paint sprayers.

LiquidArmor™ QS seals around screws, veneer anchors and penetrating fasteners, resulting in a durable and resilient barrier suited to withstand job site variations and long-term building performance. Once the sealant sets to the final elastomeric solid, the treated area is protected and helps provide superior air leakage and moisture control as part of a joint treatment with DuPont's commercial wall assemblies.



### Features and Benefits

- **Application and Service Temperature:** Convenient application range of 40 °F (4 °C) – 120 °F (48 °C) for surface and ambient temperatures. Freeze-thaw and heat-age tolerance Rain resistance after 5 hours.
- **Ease of Use:** Time-saving, one-step application (no mesh required). No measuring, cutting or folding required. Readily coats and protects complex geometries. High abrasion resistance and durability during installation.

### Warranty

- DuPont™ LiquidArmor™ QS is backed by a warranty when installed as part of the Thermax™ Wall System. For more information, refer to Warranty section at [building.dupont.com](http://building.dupont.com)

### Standard Sizes

Unit	Unit Size	Units per Pallet
5 Pail	5 Gallons	36

## TESTING AND CODE COMPLIANCE

LiquidArmor™ QS Flashing and Sealant exhibits physical properties as indicated in the tables below when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-833-338-7668 when additional guidance is required for writing specifications that include this product.

TEST METHOD	TEST TITLE	PROPERTY	RESULTS
STRENGTH			

ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension	Tensile Strength	190 psi
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension	Elongation at Break	2.83
<b>WATER</b>			
ASTM E96	Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials	Water Vapor Transmission Method B	4 perms @ 50 wet mils
<b>GENERAL</b>			
AAMA 714	Specification for Liquid Applied Flashing Used to Create a Water-Resistive Seal around Exterior Wall Openings in Buildings	Accelerated Weathering Section 5.3	PASS
AAMA 714	Specification for Liquid Applied Flashing Used to Create a Water-Resistive Seal around Exterior Wall Openings in Buildings	Elevated Temperature Section 5.4	PASS
AAMA 714	Specification for Liquid Applied Flashing Used to Create a Water-Resistive Seal around Exterior Wall Openings in Buildings	Crack Bridging Section 5.6	PASS
ASTM D1970	Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection	Nail Sealing Ability	PASS

## INSTALLATION

### Installation

- Read all safety information and conditions of use before applying product.
- Remove and replace damaged sheathing.
- Treat any gaps that are greater than ¼" wide with DuPont™ Great Stuff Pro™ Gaps & Cracks Polyurethane Foam Sealant, DuPont™ Great Stuff Pro™ Window & Door Polyurethane Foam Sealant or foam backer rod.
- To facilitate best results, apply to clean surfaces free of contaminants.

### Equipment

- Motor: 2.2 hp.
- Use 500s series for wider spray widths and 200s or 300s series for narrower gaps, such as joints, as a general guidance.
- Recommended Airless Paint Sprayer: Titan Speedflow 1200 SF or Titan Impact 1140 or Graco GMAX II 5900 or Graco TexSpray Mark IV.
- Recommended Spray Tip: TR2 tip 519/213 or Graco XHD325.
- Max PSI: 3,300
- Refer to sprayer manufacturer for specific sprayer and tip details. Other sprayer models matching the equipment throughput and pressure range can be used.
- Max GPM: 1.1

### Use Conditions

- Allow 10 to 20 minutes for DuPont™ Great Stuff Pro™ Window & Door to skin over, then spray LiquidArmor™ QS Flashing and Sealant (50 ±5 wet mils thick) at 3 ±1" wide on board joints.
- As window flashing, cover rough opening per flashing design details at 50 ±5 wet mils thick, and > 2" overlap on any sheathing surface at transitions.
- Allow LiquidArmor™ QS Flashing and Sealant to "dry-to-touch".
- After spraying LiquidArmor™ QS, ensure consistent film thickness of the coating and visually inspect for missed spots. If there are missed spots, a brush can be used to smooth the coating and fill any voids.

### Curing

- Depending on humidity, temperature, sun exposure, and wind direction, minimum 1 to 4 hours or overnight may be needed.

## HANDLING

### Warning

- Read and follow the entire Safety, Handling, and Storage section and the Safety Data Sheets (SDSs, formerly MSDSs or Material Safety Data Sheets) carefully before use. The information below is designed to protect the user and allow for safe use and handling of DuPont products. Follow all applicable federal, state, local and employer regulations.

### Cleanup & Disposal

- Dispose of any residual DuPont product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.

## Precautionary Statements

- As with any construction site, follow basic safety practices and all spray equipment instructions and warnings.
- It is recommended that spray applicators and those working in the spray area wear eye protection such as safety glasses with side shields or goggles.
- Gloves are recommended for prolonged exposures.
- Contact with exposed skin may cause skin discoloration and dryness.
- Ensure adequate ventilation during spray applications.
- Do not apply to surfaces with standing water or frost.



**For more information, visit us at**  
**[building.dupont.com](https://building.dupont.com)**  
**or call us at 1-833-338-7668**

**NOTICE:** No freedom from any patent owned by DuPont or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where DuPont is represented. The claims made may not have been approved for use in all countries or regions. DuPont assumes no obligation or liability for the information in this document. References to "DuPont" or the "Company" mean the DuPont legal entity selling the products to Customer unless otherwise expressly noted. NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY DUPONT. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. The buyer assumes all risks as to the use of the material. Buyer's exclusive remedy or any claim (including without limitations, negligence, strict liability, or tort) shall be limited to the refund of the purchase price of the material. Failure to strictly adhere to any recommended procedures shall release DuPont de Nemours, Inc. or its affiliates of all liability with respect to the materials or the use thereof. The information herein is not intended for use by non-professional designers, applicators or other persons who do not purchase or utilize this product in the normal course of their business.

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted. © 2025 DuPont. 43-D100064-enNA-1025 CDP

Issue  
Date:

Print Date: 5/16/2025