



DuPont™ LiquidArmor™ LT Flashing and Sealant

Advanced Flashing Solution for Low-Temperature Commercial Applications

OVERVIEW

Description

DuPont™ LiquidArmor™ LT Flashing and Sealant is a durable, flexible, single-component silicone flashing alternative suitable for low-temperature applications, designed to provide commercial buildings with advanced moisture and air sealing protection. It forms tight and seamless barriers along the rough openings of windows and doors as well as insulation board joints. Compatible with DuPont™ Commercial Wall Systems and foam insulation products, LiquidArmor™ LT is formulated as a cold weather alternative to LiquidArmor™ QS, allowing application as low as -20 °F (-29 °C).

LiquidArmor™ LT features a long tooling time to facilitate workflow of prepping a whole window opening and is designed to have high abrasion resistance and durability during the window and door installation process. It seals gaps up to 6mm (1/4 in.) wide and offers a reliable replacement to peel and stick flashing tapes as well as liquid flashing products that require a mesh.

LiquidArmor™ LT is trowel-applied after either dispensing from a sausage gun or directly from a pail. It works on a wide range of surfaces without primer, including foam boards, steel studs, fiberglass-faced gypsum board and concrete masonry units. The moisture-cured, fluid flashing solution seals around screws and veneer anchors, resulting in a durable and resilient barrier suited to withstand jobsite variations. Once LiquidArmor™ LT is applied at board joints and penetrations, it forms part of a continuous air and moisture barrier per DuPont’s commercial wall systems.

Features and Benefits

- **Application and Service Temperature:** Wide application temperature range -20 °F (-29 °C) to 120 °C (49 °F). 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. Easy conformation to complex geometries. High abrasion resistance and durability during installation.



Warranty

- DuPont™ LiquidArmor™ LT 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

Standard Sizes

Standard Sizes for LiquidArmor™ LT Flashing and Sealant

Unit	Unit Size	Units per Case	Cases per Pallet	Units per Pallet
Pail	2 Gallons	-	-	60
Sausage	20 Gallons	16	48	768

TESTING AND CODE COMPLIANCE

LiquidArmor™ LT 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	1450 (210) kPa (psi)
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension	Elongation at Break	2.7
WATER			
ASTM E96	Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials	Water Vapor Transmission Method B	180 (3.1) ng/Pa-s-m ² (perm) @ ~28 dry mils
ADHESION			
ASTM D4541	Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers	Pull Adhesion to Thermax™, Gypsum-Based Sheathing, Plywood, OSB, metals	>110 (>16) kPa (psi)
GENERAL			
ASTM C661	Standard Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer	Durometer Hardness, Shore A	40

INSTALLATION

Preparation

- Fill any gaps that are greater than 6mm (1/4 in.) wide with DuPont™ Great Stuff Pro™ Gaps & Cracks Polyurethane Foam Sealant, DuPont™ Great Stuff Pro™ Window & Door Polyurethane Foam Sealant or foam backer rod, apply a bead of LiquidArmor™ LT and tool it before applying the LiquidArmor™ LT to the broader wall.

Installation

- Read all safety information and conditions of use before applying product.
- Remove and replace damaged sheathing prior to application.
- To facilitate best results, apply to clean surfaces free of contaminants.

Use Conditions

- LiquidArmor™ LT should not be applied: in structural applications, in totally confined spaces (as the sealant requires moisture to cure), or to surfaces in direct or indirect contact with food.
- Surface and ambient temperatures should be -20 °F (-29 °C) and rising and below 120 °F (49 °C) during application.
- LiquidArmor™ LT tolerates rain within 15 minutes of installation; however, do not apply to surfaces with standing water, frost, or that are continuously immersed in water.

Curing

- LiquidArmor™ LT typically skins over in 30 – 45 minutes.
- Allow LiquidArmor™ LT to "dry-to-touch".

HANDLING

Warning

- WARNING: For Professional Use Only** - 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.

Precautionary Statements

- As with any construction site, follow basic safety practices and all spray equipment instructions and warnings.
- DuPont™ LiquidArmor™ LT Flashing and Sealant should not be applied: in structural applications, in totally confined spaces (because the sealant requires moisture to cure), or to surfaces in direct or indirect contact with food.

Cleanup & Disposal

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



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

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