

DuPont™ ArmorDry™ Exterior Drainage Mat

3/16" Drainage & Air Ventilation Mat Required for Stucco, Adhered Masonry, and Direct Applied Claddings

OVERVIEW

Description

DuPont™ ArmorDry™ Exterior Drainage Mat is designed to provide a required 3/16" ventilated airspace for water drainage and air circulation behind commercial exterior claddings like stucco, stone, and direct applied claddings. ArmorDry™ Exterior Drainage Mat is a part of the ArmorWall™ System and when used together in a properly designed assembly, limits inward moisture movement through the exterior wall covering, helps reduce solar heat gain, and promotes high performance moisture management to keep your exterior wall protected & dry.

ArmorDry™ Exterior Drainage Mat is comprised of a heavy duty, non-permeable black corrugation laminated to a gray filter fabric scrim. Incorporating ArmorDry™ can help improve the performance of the building envelope by helping to reduce the risk of mold growth and water damage.



Features and Benefits

- **Fire Performance:** Passes NFPA 285 as part of the ArmorWall™ System assembly with various claddings.
- **High Performance Durability:** Heavy duty black corrugation to minimize compression during cladding installation.
- **Ease of Use:** Lightweight and easy to cut. Lays flat with consistent finish. 131 sq. ft. per roll
- **Promotes Drainage, Ventilation, and Drying:** Non-permeable to help prevent moisture intrusion. Drains water quickly via 3/16" ventilated airspace allowing air circulation and drying.

Applications

- ArmorDry™ Exterior Drainage Mat can be used behind the following commercial cladding types:
- Exterior plaster & stucco
- Adhered stone
- Thin brick
- Fiber cement
- Direct applied claddings

Standard Sizes

Standard Sizes for ArmorDry™ Exterior Drainage Mat

Unit	Width	Length	NetWeight	Units per Pallet
Roll	31.5 in.	50 ft.	25 lbs	16

TESTING AND CODE COMPLIANCE

ArmorDry™ Exterior Drainage Mat exhibits physical properties as indicated below when tested as represented.

TEST METHOD	TEST TITLE	PROPERTY	RESULTS
STRENGTH			
ASTM D1621	Standard Test Method for Compressive Properties of Rigid Cellular Plastics	Compressive Strength	36.1 psi
WATER			
ASTM E96	Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials	Vapor Permeance	0.3 perms (dry cup)

ASTM E2273	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies	Drainage Efficiency	greater than 97%
GENERAL			
ASTM C1338	Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings	Fungi Resistance	Does not support fungal growth

INSTALLATION

Preparation

- Install DuPont™ ArmorWall™ Plus panels and treat all fasteners, joints, flashings, etc. per the ArmorWall™ Installation Manual before installing ArmorDry™ Exterior Drainage Mat.
- Install stucco lath and accessories as required by code, local building practices, and/or manufacturers' specifications.

Installation

- Refer to Installation Guide for complete installation details.
- Install ArmorDry™ Exterior Drainage Mat outboard of ArmorWall™ Plus panel. Filter fabric faces installer.
- Back-wrap 4" fabric skirt to create insect screen on the lowest course. 4" fabric skirt will lap shingle fashion with subsequent courses. Back-wrap 4" fabric skirt to create insect screen.
- Corrugated mat to be butted at seams; do not overlap. Wrap ArmorDry™ Exterior Drainage Mat tightly around corners.
- Fasten approximately every 48" on-center or as needed with DuPont approved fasteners for temporary attachment to ArmorWall™ Plus panel. Lath fasteners will provide permanent attachment for ArmorDry™ Exterior Drainage Mat.

HANDLING

Warning

- **Warning: For Professional Use Only** – Read and follow the entire Handling section carefully before use. The information below is designed to protect the user and allow for safe use and handling of DuPont™ ArmorWall™ Brand products. Follow all applicable federal, state, local and employer regulations. And building codes.

Precautionary Statements

- If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air. Mechanical cutting, grinding or sawing can cause formation of dusts. To reduce the potential for dust explosion, do not permit dust to accumulate.
- For more information call the DuPont Contact Center at 866-583-2583 or contact your local building inspector. For emergencies contact Chemtrec 800-424-9300, CCN (Contract Number) 7442.

Handling & Use

- ArmorDry™ Exterior Drainage Mat can be cut and installed using standard jobsite hand tools.
- Wear standard commercial jobsite PPE, including safety gloves and glasses when cutting material to size.
- ArmorDry™ should be stored off the ground in original shipment condition and protected from weather until ready for installation.

Product Limitations

- Do not install ArmorDry™ below grade.
- ArmorDry™ should not be used in any application where it will be walked on.
- Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including DuPont can give assurance that mold will not develop in any specific system.

Cleanup & Disposal

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

Life & Storage

- Store in a clean, dry area away from sunlight



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

NOTICE: DuPont believes this information to be reliable. It is subject to change as additional knowledge and experience are gained. It is not intended as a substitute for any testing you may conduct to determine for yourself the suitability of our products for your particular purpose. Customer is also responsible for ensuring its use of product, including workplace and disposal practices are in compliance with applicable laws and regulations. Since conditions for use are outside the control of DuPont, DuPont de Nemours, Inc. OR its affiliates MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ASSUMES NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. This information is not intended as a license to operate under or a recommendation to infringe any trademark, patent or technical information of DuPont or other persons covering any material or its use. © 2025 DuPont. All rights reserved. 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. All rights reserved. Form No. 43-D101326-enNA-0825 CDP This information is not intended as a license to operate under or a recommendation to infringe any trademark, patent or technical information of DuPont or other persons covering any material or its use.

©2025 DuPont. All rights reserved. DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.

Issue Date: 9/2/2025

Print Date: 10/06/2025