

DuPont™ Enerfoam™ Professional Foam Sealant

One-Component, Minimal-Expanding, Flexible Foam Sealant

OVERVIEW

Description

DuPont™ Enerfoam™ Professional Foam Sealant is a one-component, minimal-expanding, flexible polyurethane foam used for adhering insulated concrete forms, architectural foam and drywall, and sealing cracks and voids such as pipe penetrations. The foam expands only enough to generate an effective seal, retaining elasticity as the structure expands and compresses.

Enerfoam™ is designed to form a durable, airtight, water resistant bond to common building substrates such as wood, brick, concrete, foam board and most plastics. Its foam skin repels and deflects water, which can help reduce the potential for moisture damage to wood substrates.

In the U.S., Enerfoam™ is also recognized as a fireblock, which means it resists the free passage of flames to other areas of the building through concealed spaces.



Features and Benefits

- Ease of Use:** Installs in minutes (tack-free in less than 20 minutes, trims within 30 minutes). Pro dispenser - features adjustable bead size and 30 day restartability. Designed to form a durable, airtight, water-resistant bond to common building substrates (such as wood, brick, concrete, foam board, and most plastics). Expands to take the shape of cracks and voids, forming an airtight barrier. Reduces drywall nail pops and pathways where insects can enter. Retains elasticity as the structure expands and compresses.

Standard Sizes

Standard Sizes for DuPont™ Enerfoam™ Professional Foam Sealant

Unit	Unit Size	Units per Case	Cases per Pallet	Units per Pallet
Can	24oz can	12	64	768
Can	30oz can	12	64	768

TESTING AND CODE COMPLIANCE

DuPont™ Enerfoam™ Professional Foam Sealant exhibits physical properties as indicated in the table below when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-866-583-2583 when additional guidance is required for writing specifications that include this product.

TEST METHOD	TEST TITLE	PROPERTY	RESULTS
THERMAL			
ASTM C518	Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus	Thermal Resistance	0.26 per inch @ 75° F mean temp., Btu-in/ft ² ·hr·°F, min

ASTM D2126	Standard Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging	Dimensional Stability	14.31% (100°F/100% RH@2wks) 0.41% (-40°F /ambRH@2wks)
STRENGTH			
ASTM C203	Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation	Flexural Strength	8.8 psi min. (parallel to rise)
ASTM D1621	Standard Test Method for Compressive Properties of Rigid Cellular Plastics	Compressive Strength	9.3 psi (parallel to rise)
ASTM D1623	Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics	Tensile Strength	14.4 psi (parallel to rise)
ASTM D1622	Standard Test Method for Compressive Properties of Rigid Cellular Plastics	Core Density	1.01 pcf
WATER			
ASTM D2842	Test Method for Water Absorption of Rigid Cellular Plastics	Water Absorption	6.4 % per volume
GENERAL			
ASTM D2856	Standard Test Method for Open-Cell Content of Rigid Cellular Plastics by the Air Pycnometer	Closed Cell Content	0.8

CODE COMPLIANCE

DuPont™ Enerfoam™ Professional Foam Sealant complies with the following codes:

CODE	DESCRIPTION
US Product Listings & Verifications	Underwriters Laboratories, Inc. (UL) Classification, Classified as a sealant; see UL R13655 ICC-ES ESR-1961 (US) Intertek Listed Spec ID 45536

HANDLING

Warning

- **WARNING: For Professional Use Only.**
- This product contains isocyanate. Do not use if you have been sensitized to isocyanates. Contents under pressure.
- Read and follow the entire Handling 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

- **CAUTION:** When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources.
- Contains isocyanate. Do not breathe vapor or mist. Use in well-ventilated areas or wear proper respiratory protection. Cover all skin. Isocyanate is irritating to the eyes, skin and respiratory system, and may cause sensitization by inhalation or skin contact.
- Enerfoam™ contains a flammable blowing agent. Vapor may travel to other rooms. Ensure adequate ventilation. Shut off all pilot lights and extinguish open flames; eliminate all sources of ignition before use. Do not smoke or use lighters or matches while dispensing foam.
- Enerfoam™ is very sticky and will adhere to most surfaces and skin. Do not get foam on skin; cover all skin. Wear long sleeves, gloves, and goggles or safety

Product Limitations

- Surface where applied should be free of dust, dirt, oil or other loose materials that may impair adhesion. Damp surfaces will not impair the bond.

Cleanup & Disposal

- Dispose of any residual DuPont product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.
- Empty aerosol cans may be recycled.

Life & Storage

- Enerfoam™ has a shelf life of one year when stored at 75 °F.
- Contents of the can are under pressure. Do not place can in hot water. Do not puncture, incinerate or store at temperatures above 120 °F. Can may burst if left in areas susceptible to high temperatures, such as motor vehicles or near radiators, stoves or other sources of heat.

glasses. Cured foam must be mechanically removed or allowed to wear off in time.

- Cured Enerfoam™ foam is combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240 °F. Enerfoam™ foam should not be used around heaters, furnaces, fireplaces, recessed lighting fixtures or other applications where the foam may come in contact with heat-conducting surfaces.
- Do not inject Enerfoam™ foam into large or confined cavities such as behind holes in drywall or under tub wall surrounds where flammable vapors may collect. Foam must be exposed to atmospheric moisture to thoroughly cure.

Supplemental Information

- For more information, consult (Material) Safety Data Sheet ((M)SDS), call DuPont at 1-866-583-2583 or contact your local building inspector.
- In case of spill, contact Chemtrec (CCN 7442): 1-800-424-9300

Handling & Use

- Wear long sleeves, gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection.



**For more information, visit us at
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. and 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. **CAUTION:** This product is combustible. Protect from high heat sources. A protective barrier or thermal barrier may be required as specified in the appropriate building code. 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.

WARNING: Rigid foam insulation does not constitute a working walkable surface or qualify as a fall protection product. 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.

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. All rights reserved. 43-D100106-enNA-0523 CDP

Issue Date: 10/15/2025

Print Date: 8/03/2026