

FULL-FILL PRO

WINDOW & DOOR INSULATING FOAM SEALANT

PRODUCT NAME

Full-Fill Pro - Window & Door Insulating Foam Sealant

MANUFACTURER

Everkem Diversified Products
 120 Regent Drive, Winston Salem, NC 27103
 PH: 1-800-638-3160 | FAX: (336) 661-7969

PRODUCT DESCRIPTION

Full-Fill Pro Window & Door Insulating Foam Sealant is a single-component, low-pressure expanding polyurethane foam sealant. Full-Fill Pro creates a water and airtight seal, resists mold, and improves energy efficiency by preventing air exchange at windows, doors, wall intrusions, and sill plates. Full-Fill Pro's low-pressure formulation adheres to most construction materials, and will not bow or distort window and door frames when installed correctly.

APPLICATIONS

- Filling and insulating of door and window frames
- Filling of penetrations in walls
- Filling and sealing of gaps in sill plates
- Filling and sealing of gaps, joints, and cavities

ADVANTAGES

- Economically fills, seals, and insulates
- Prevents cold air infiltration and heat loss
- Interior and exterior applications
- Adheres to most common construction materials
- Mold and mildew resistant
- Easy to use and cost-effective

LIMITATIONS

- Does not adhere well to polyethylene, polytetrafluoroethylene (PTFE/Teflon™), silicone, and surfaces contaminated with oils and greases or with added mold release agents and similar materials.
- Not for use in hourly fire-rated assemblies.
- Cured foam will discolor if exposed to ultraviolet light

AVAILABLE COLORS

Full-Fill Pro is available in Tan.

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES	
Typical Uncured Properties	
Chemistry:	Polyurethane foam
Appearance:	Tan, foamy liquid mixture
Application Temperature:	28°F to 100°F (-2.2°C to 37.78°C); Optimum product temperature for application is between 65°F to 80°F (18°C to 27°C)
Tack Free Time:	5 to 10 minutes
Cutable:	1 hour
Cure Time:	12 to 24 hours
Shelf Life:	15 months

FULL-FILL PRO

WINDOW & DOOR INSULATING FOAM SEALANT

TECHNICAL DATA (CONT.)

TYPICAL PHYSICAL PROPERTIES

Typical Cured Properties	
Curing conditions of 75°F (24°C) and 50% relative humidity)	
Cured State:	Tan, firm foam
ASTM-E84	Tested to ASTM-E84 "Standard Test Method for Surface Burning Characteristics of Building Materials" 10 Flame Spread / 20 Smoke Developed
AAMA 812	Tested to AAMA 812 "Voluntary Practice for Assessment of Single Component Aerosol Expanding Polyurethane Foams for Sealing Rough Openings of Fenestration Installations"
Service Temperature:	-200°F to 240°F (-129°C to 116°C)
Paintability:	Paintable
Closed Cell Content:	68%
R-Value	4.70 per inch
V.O.C. Content:	165 g/L

APPLICABLE STANDARDS & SPECIFICATIONS

- SPECIFIED DIVISIONS**
- Section 07 92 00 - Joint Sealants
 - Section 08 00 00 - Openings
 - Section 22 00 00 - Plumbing
 - Section 23 00 00 - Heating, Ventilating, and Air Conditioning (HVAC)
 - Section 26 00 00 - Electrical
- APPLICABLE STANDARDS/SPECIFICATIONS**
- ASTM-E84 - Standard Test Method for Surface Burning Characteristics of Building Materials
 - AAMA 812 - Voluntary Practice for Assessment of Single Component Aerosol Expanding Polyurethane Foams for Sealing Rough Openings of Fenestration Installations

- ECOSEAL STANDARDS**
- V.O.C. Content: 165 g/L

INSTALLATION

PREPARATION

Surfaces should be clean of any debris or material that may prevent or deter adhesion. Such debris includes, but is not limited to: dirt, frost, loose particles, existing sealants, grease, oils, rust, etc.

APPLICATION

1. The optimum product temperature for application is 65°F to 80°F (18°C to 27°C).
2. Shake well. Screw nozzle adapter onto valve stem, being careful not to activate valve.
3. With valve end of can down, slowly press trigger to dispense foam. Test on experimental surface.
4. Fill cavities only 1/3 full to allow for expansion.
5. Thermal Seal dries tack-free in approximately 5 minutes, is cuttable within 1 hour, and cures in 12-24 hours. Cured foam exposed to sunlight should be painted or stained.
6. For overnight storage, close gun regulator screw completely to secure trigger. Can must remain fastened to gun during storage. For longer storage, consult gun instructions. Use GC-12 Multi-Purpose Polyurethane Foam & Gun Cleaner to keep dispensing unit working smoothly.
7. Store upright in a cool, dry area. Do not expose to temperatures exceeding 122°F (50°C). Keep nozzle on can. Use remainder of can within 30 days.

FULL-FILL PRO

WINDOW & DOOR INSULATING FOAM SEALANT

CLEANUP

Excess, uncured foam may be removed with GC-12 Multi-purpose Polyurethane Foam & Gun Cleaner, or other foam gun cleaner. Cured foam must be removed mechanically. Cured foam may be trimmed or sanded.

AVAILABILITY

Full-Fill Pro and other Everkem products are available from stocking distributors nationwide or direct from the manufacturer. For the name and telephone number of the nearest Everkem representative, call the number below or visit www.everkemproducts.com

PACKAGING OPTIONS

PACKAGING OPTIONS			
Part #	Description	Packaging	Color
TY0793	Full-Fill Pro - 24oz. (709.76mL) Gun Dispensed Can	12 cans/case	Tan

MAINTENANCE

Inspect sealant at a minimum of every five years. If sealant or bond of sealant is damaged, completely remove or cut away sealant in the damaged area, clean surface, and reapply sealant.

TECHNICAL SERVICES

Everkem representatives are available to assist you in selecting the sealant or adhesive appropriate for your application. For further assistance contact your local Everkem Diversified Products representative, call our corporate office at 1-800-638-3160, or contact us via our website at www.everkemproducts.com

WARRANTY

Everkem Diversified Products warrants this product's performance provided it is properly stored and applied within 15 months. If when applied as directed this material proves to be defective, return the remaining product and proof of purchase for refund or replacement of product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects of product failure. The determination of eligibility for this warranty shall be made at the sole discretion of Everkem Diversified Products and any decision made shall be final. This warranty is in lieu of any other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose, and in no instance will Everkem Diversified Products be liable for damages in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. Users must read and follow the directions of the current Technical Data Guide and SDS prior to product use. The user determines the suitability of the product intended for use and assumes all risks. Recommendations for the use of this product are based on tests we believe to be reliable. The manufacturer and seller are not responsible for results where the product is used under conditions not in strict accordance with our published recommendations and in applications considered suitable for this product. Everkem Diversified Products shall not be responsible for the use of this product in a manner to infringe upon any patent or any other intellectual property rights held by others.

FULL-FILL PRO

WINDOW & DOOR INSULATING FOAM SEALANT



CAUTIONS

DANGER: EXTREMELY FLAMMABLE. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. REPEATED EXPOSURE TO SKIN MAY CAUSE DRYNESS OR CRACKING. Keep away from heat, sparks, open flames, and/or hot surfaces. No smoking. Do not spray on open flames or other ignition sources. Do not puncture, incinerate, or store can above 122°F (50°C). Do not breathe mist, vapors, or spray. Avoid contact with eyes and skin. Wear protective gloves. Wear eye or face protection. Wear clothing that protects against dermal exposure. Wash hands thoroughly after handling. **IF ON SKIN:** Wash with soap and water. Remove contaminated clothing, washing before reuse. If skin irritation occurs: Get medical attention. **IF IN EYES:** Rinse cautiously with water. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. **IF INGESTED:** Wash mouth with water. Remove victim to fresh air. Give small quantities of water to drink. Do not induce vomiting. Store locked up. Dispose of contents in accordance with all local, regional, national, and international regulations. **KEEP OUT OF REACH FROM CHILDREN.**

Everkem Diversified Products
120 Regent Drive | Winston-Salem, NC | 27103
1-800-638-3160 | www.everkemproducts.com

Last Revised: 5/2021