



Fire Protection Products

3M™ FireDam™ Spray 200

Technical Data Sheet

January / 2026

Product Description

3M™ FireDam™ Spray 200 is a sprayable water-based material that dries to form a tough, elastomeric coating. This material is used to firestop perimeter joints (curtain wall), construction joints and through penetration openings. 3M™ FireDam™ Spray 200, when installed properly, will help control the transmission of fire, heat, and smoke before, during, and after exposure to fire.

Product Features

- Up to 4-hour fire protection in construction joints per ASTM E 1966 (UL 2079)
- Up to 2-hour fire protection for through penetration systems per ASTM E 814 (UL 1479) & CAN/ULC-S115
- Highly elastic material maintains performance with up to ± 50% movement capabilities
- Helps minimize sound transfer*
- Broad range of applications (extensive portfolio of tested and listed building and perimeter joint systems)
- Improved spraying pattern – applied with conventional airless spray equipment
- Robust jobsite formula (freeze/thaw resistant and uniform seal formation in hot or cold drying conditions)
- Improved spraying for lower sag, uniform coating build properties (stays where it's sprayed)
- Improved hiding power to maintain proper coating thickness
- Paintable
- Easy water clean up

**Minimizes noise transfer—STC-Rating of 56 when tested in STC 56-rated wall assembly*

Applications

3M™ FireDam™ Spray 200 is ideal for sealing perimeter joints (curtain walls), construction joints and through penetrations. Recommended for firestopping areas that require large coverage. Helps limit the spread of noxious gas, smoke and water. Helps maintain the integrity of fire-rated construction. Note: when tested at 50% movement for 100 cycles in a 4-inch joint, product remained elastomeric and did not show signs of cracking. 3M™ FireDam™ Spray 200 has been qualified for use as a replacement or repair material in all listed systems that specify its predecessor, 3M™ FireDam™ Spray 100.

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Specifications

This coating is tested and listed by independent test agencies such as UL, ULC, Intertek. In addition, the coating has Factory Mutual approval. The coating complies with the current requirements of the International Building Code (IBC), NBCC, NFPA 5000 and NFPA 101.

Construction Joints: Has been fire tested and evaluated under the pass/fail criteria of ASTM E 1966 (UL 2079) and CAN/ULC-S115 at the maximum extended joint width.

Perimeter Joints: Has been fire tested and evaluated under the pass/fail criteria of ASTM E 2307 and CAN/ULC-S115 at the maximum extended joint width.

Through Penetrations: Has been fire tested and evaluated under the pass/fail criteria of ASTM E 814 (UL 1479) Standard and CAN/ULC-S115. 3M™ Fire Barrier Sealant

For technical support relating to 3M™ Fire Protection Products and Systems, call: 1-800-328-1687.

For more information on 3M™ Fire Protection Products, visit: www.3M.com/firestop

Performance and Typical Physical Properties

Colors Available	Gray or Red
Coverage*	12.8 sq. ft./gallon (0.31sq. m/liter) *calculated coverage based on 1/8 in. (3 mm) thick wet coating
Flash Point	None
STC Acoustic Barrier (ASTM E 90 and ASTM E 413)	56 when tested in STC 56 rated wall assembly
Surface Burning (ASTM E 84)	Flame Spread <25 Smoke Development <50
Dry Time	<4 hour to tack free@70°F (21°C)/50% R.H.

Unit Volume: 5 gal. pail (18.9 liter, 0.019m³, 1155.0 in.³)

Installation Techniques

Consult a 3M Authorized Fire Protection Products Distributor or Sales Representative for applicable UL, ULC, Intertek or other third-party drawings and system details.

In order to achieve the thickness and coverage necessary to comply with the tested systems, 3M™ FireDam™ Spray 200 is applied using an airless sprayer.

Pump Requirements (minimum specifications)

- Flow Output: 0.7 gpm, minimum
- Liquid Pressure: 2000 psi, minimum
- Motor Size: 0.75 horsepower, minimum

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Recommended Tip Size: 419 (8 in fan with 0.019 in. orifice) which can be changed based upon application conditions

Preparatory Work: Surfaces must be frost free, clean, dry and dust free.

Installation Details: Tested and listed system details must be followed for each specific application. Install mineral fiber in accordance with system details for density, depth and compression requirements. Apply 3M™ FireDam™ Spray 200 using an airless sprayer. A nominal 1/8 in. (3mm) wet coating should be applied over the insulation, adjacent substrates and penetrants (if applicable) maintaining all required overlaps.

Limitations: 3M™ FireDam™ Spray 200 must be applied at a temperature between 40°F (4°C) and 110°F (43°C). 3M™ FireDam™ Spray 200 can be applied to surfaces that are 10°F (-12°C) or higher providing that the surfaces are frost free, clean, dry and dust free. 3M™ FireDam™ Spray 200 can be applied when the ambient air temperature is 10°F (-12°C) or higher. The drying (evaporating of water) of the 3M™ FireDam™ Spray 200 is affected by the ambient temperature and humidity. The lower the temperatures and the higher the humidity, the slower the 3M™ FireDam™ Spray 200 will dry. At 70°F (21°C) and 50% R.H. a 1/8 in. (3mm) thick wet coating is fully dried in 24 hours. At temperatures below 32°F (0°C), no drying of the 3M™ FireDam™ Spray 200 will occur .

NOTICE: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, the customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for the customer's application, including chemical compatibility with CPVC piping. Before applying any 3M Fire Protection Products or to a system which consists of CPVC pipes or materials, please check CPVC manufacturers' compatibility list.

Maintenance

No maintenance is expected to be required when installed in accordance with the 3M™ FireDam™ Spray 200 *Installation Guide*. Once installed, if any section of the 3M™ FireDam™ Spray 200 is damaged, the following procedure will apply: Any damaged product must be cut out and removed. The insulation material must be inspected to ensure no moisture is evident. The open area created must then be filled with new product, installed as detailed in the original applicable 3rd party tested and listed system. The new product must overlap a minimum 1 in. (25.4 mm) onto the previously installed product. This procedure is applicable to both current and previous formulations of 3M™ FireDam™ Spray 200 as well as 3M™ FireDam™ Spray 100 (discontinued).

Storage and Shelf Life

3M™ FireDam™ Spray 200 is packaged in 5 gallon (18.9 liter) plastic pails.

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3M™ FireDam™ Spray 200 should be stored indoors in dry conditions. It is recommended that the pails of product remain in heated storage at 70°F (21°C) prior to spraying material in conditions below 40°F (4°C).

3M™ FireDam™ Spray 200 shelf life is 18 months from date of packaging when stored above 40°F (4°C).

Lot numbering (e.g. 8183AS): First digit = Last digit of year manufactured, second to fourth digit = Julian Date, Letters = Random to distinguish between lot numbers.

Availability

Available from 3M Authorized Fire Protection Products Distributors.
For additional technical and purchasing information, call 1-800-328-1687 or visit 3M.com/firestop.

Safe Handling

Consult Safety Data Sheet prior to handling and disposing of 3M™ FireDam Spray 200.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Warranty, Limited Remedy and Disclaimer

Warranty: 3M warrants that the Product will be free from defects in material and manufacture during the Extended Warranty Period. If the Product does not conform to this warranty during the Extended Warranty Period, then 3M will, as the sole and exclusive remedy, provide replacement Product (or, if replacement material is unavailable, refund the Product purchase price) for the Project. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE.

This warranty is void if the Product is not installed: (1) in accordance with the applicable UL or Intertek listings; (2) in accordance with the applicable Product data sheet and installation instructions; (3) in accordance with the specifications for the Project; and (4) by a 3M trained Installer. This warranty does not cover damage or failure caused by Product misuse, improper Product storage, improper Product installation, Product or Project abuse, natural disasters, or other force majeure events.

Limitation of Liability

EXCEPT FOR THE LIMITED EXTENDED WARRANTY AND REMEDY STATED ABOVE, AND EXCEPT TO THE EXTENT PROHIBITED BY LAW, 3M WILL NOT BE LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM OR RELATING TO THE PRODUCT, WHETHER DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL, (INCLUDING, BUT NOT LIMITED TO, LOST PROFITS OR BUSINESS OPPORTUNITY), REGARDLESS OF THE LEGAL OR EQUITABLE THEORY ASSERTED, INCLUDING, BUT NOT LIMITED TO, WARRANTY, CONTRACT, NEGLIGENCE, OR STRICT LIABILITY.

Product Selection and Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the 3M product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.



Industrial Specialties Division
3M Center
St. Paul, MN 55144-1000

Phone 800-328-1687
Web 3M.com/firestop