

North America Preformed Firestop Devices Market By Application (Cable & Pipe Penetrations, Wall & Floor Openings, Expansion Joints, Electrical Enclosures, HVAC Openings), By Material (Silicone, Acrylic, Intumescent, Cementitious, Mineral Wool), By End-Use Industry (Commercial Buildings, Residential Buildings, Industrial Facilities, Data Centers, Healthcare Facilities), By Country, Competition, Forecast and Opportunities, 2020-2030F

Market Report | 2025-05-16 | 120 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License \$4000.00
- Multi-User License \$5000.00
- Custom Research License \$7500.00

Report description:

Market Overview

The North America Preformed Firestop Devices Market was valued at USD 1.23 Billion in 2024 and is projected to reach USD 1.49 Billion by 2030, growing at a CAGR of 3.25% during the forecast period. This market segment is integral to the construction safety industry, offering factory-manufactured fire containment solutions that prevent the passage of fire, smoke, and toxic gases through penetrations in fire-rated walls, ceilings, and floors. These devices-including sleeves, collars, gaskets, and plugs-are widely used around mechanical, electrical, and plumbing systems to maintain compartmentation and meet fire resistance standards.

The market is expanding due to increased regulatory pressure and the growing prioritization of building safety across both commercial and residential construction. Agencies such as the National Fire Protection Association (NFPA) and the International Building Code (IBC) have enforced stricter compliance, prompting greater adoption of pre-engineered, code-compliant firestop products. These devices offer installation consistency, reduced labor effort, and enhanced inspection efficiency, which are especially beneficial for projects seeking fast turnaround and assured code approval.

Key Market Drivers

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Stringent Fire Safety Regulations Driving Mandatory Adoption of Preformed Firestop Devices

The reinforcement of fire protection codes across North America is significantly boosting demand for preformed firestop devices. Updated building and fire codes require reliable sealing of penetrations in fire-rated assemblies to contain fire and smoke. Preformed devices meet these regulatory needs through standardized design, factory testing, and certified fire resistance performance. Their predictable installation characteristics support streamlined inspections and faster compliance, making them an increasingly preferred choice for contractors and facility managers operating in regulated environments. As code enforcement intensifies across both new constructions and retrofit projects, the use of preformed firestop products is becoming a fundamental part of safety planning in building design.

Key Market Challenges

Inconsistent Building Code Enforcement Across Jurisdictions

A major obstacle to uniform market growth is the inconsistent application of building codes across various states and municipalities in North America. While urban regions typically enforce strict fire protection standards, many rural or less developed jurisdictions still follow outdated codes, reducing the urgency or awareness around installing modern firestop systems. This regulatory disparity affects market penetration and creates operational inefficiencies for manufacturers and installers working across regions. The lack of harmonized code interpretation, along with limited training among enforcement personnel, leads to approval delays and undercuts product standardization efforts-ultimately inhibiting broader adoption of preformed firestop devices.

Key Market Trends

Increased Emphasis on Sustainable and Low-Emission Firestop Products

The market is witnessing a growing preference for environmentally responsible firestop solutions that align with green building initiatives. Manufacturers are increasingly developing low-emission, halogen-free, and non-toxic products that meet environmental certifications such as LEED and WELL. These sustainable firestop devices offer benefits like improved indoor air quality and support for material recovery during renovation or demolition. Building developers aiming for sustainable certifications are incorporating these products into their specifications, driving a shift toward greener fire safety. This trend reflects a broader market evolution, where life safety and environmental responsibility are being integrated into a unified construction strategy.

Key Market Players

- Hilti Corporation
- 3M Company
- Specified Technologies Inc.
- RPM International Inc.
- H.B. Fuller Company
- FSi Limited
- Sika AG
- CSW Industrials, Inc.

Report Scope:

In this report, the North America Preformed Firestop Devices Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

- North America Preformed Firestop Devices Market, By Application:

- o Cable & Pipe Penetrations
- o Wall & Floor Openings
- o Expansion Joints
- o Electrical Enclosures
- o HVAC Openings

- North America Preformed Firestop Devices Market, By Material:

- o Silicone
- o Acrylic
- o Intumescent

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- o Cementitious
- o Mineral Wool
- North America Preformed Firestop Devices Market, By End-Use Industry:
 - o Commercial Buildings
 - o Residential Buildings
 - o Industrial Facilities
 - o Data Centers
 - o Healthcare Facilities
- North America Preformed Firestop Devices Market, By Country:
 - o United States
 - o Canada
 - o Mexico

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the North America Preformed Firestop Devices Market.

Available Customizations:

North America Preformed Firestop Devices Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

1. Product Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.3. Key Market Segmentations
2. Research Methodology
 - 2.1. Objective of the Study
 - 2.2. Baseline Methodology
 - 2.3. Formulation of the Scope
 - 2.4. Assumptions and Limitations
 - 2.5. Sources of Research
 - 2.5.1. Secondary Research
 - 2.5.2. Primary Research
 - 2.6. Approach for the Market Study
 - 2.6.1. The Bottom-Up Approach
 - 2.6.2. The Top-Down Approach
 - 2.7. Methodology Followed for Calculation of Market Size & Market Shares
 - 2.8. Forecasting Methodology
 - 2.8.1. Data Triangulation & Validation
3. Executive Summary
 - 3.1. Overview of the Market
 - 3.2. Overview of Key Market Segmentations
 - 3.3. Overview of Key Market Players
 - 3.4. Overview of Key Regions/Countries

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 3.5. Overview of Market Drivers, Challenges, and Trends
4. Voice of Customer
5. North America Preformed Firestop Devices Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value
 - 5.2. Market Share & Forecast
 - 5.2.1. By Application (Cable & Pipe Penetrations, Wall & Floor Openings, Expansion Joints, Electrical Enclosures, HVAC Openings)
 - 5.2.2. By Material (Silicone, Acrylic, Intumescent, Cementitious, Mineral Wool)
 - 5.2.3. By End-Use Industry (Commercial Buildings, Residential Buildings, Industrial Facilities, Data Centers, Healthcare Facilities)
 - 5.2.4. By Country (United States, Canada, Mexico)
 - 5.2.5. By Company (2024)
 - 5.3. Market Map
6. United States Preformed Firestop Devices Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value
 - 6.2. Market Share & Forecast
 - 6.2.1. By Application
 - 6.2.2. By Material
 - 6.2.3. By End-Use Industry
7. Canada Preformed Firestop Devices Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value
 - 7.2. Market Share & Forecast
 - 7.2.1. By Application
 - 7.2.2. By Material
 - 7.2.3. By End-Use Industry
8. Mexico Preformed Firestop Devices Market Outlook
 - 8.1. Market Size & Forecast
 - 8.1.1. By Value
 - 8.2. Market Share & Forecast
 - 8.2.1. By Application
 - 8.2.2. By Material
 - 8.2.3. By End-Use Industry
9. Market Dynamics
 - 9.1. Drivers
 - 9.2. Challenges
10. Market Trends & Developments
 - 10.1. Merger & Acquisition (If Any)
 - 10.2. Product Launches (If Any)
 - 10.3. Recent Developments
11. Company Profiles
 - 11.1. Hilti Corporation
 - 11.1.1. Business Overview
 - 11.1.2. Key Revenue and Financials
 - 11.1.3. Recent Developments
 - 11.1.4. Key Personnel/Key Contact Person
 - 11.1.5. Key Product/Services Offered

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 11.2. 3M Company
- 11.3. Specified Technologies Inc.
- 11.4. RPM International Inc.
- 11.5. H.B. Fuller Company
- 11.6. FSi Limited
- 11.7. Sika AG
- 11.8. CSW Industrials, Inc.
- 12. Strategic Recommendations
- 13. About Us & Disclaimer

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

North America Preformed Firestop Devices Market By Application (Cable & Pipe Penetrations, Wall & Floor Openings, Expansion Joints, Electrical Enclosures, HVAC Openings), By Material (Silicone, Acrylic, Intumescent, Cementitious, Mineral Wool), By End-Use Industry (Commercial Buildings, Residential Buildings, Industrial Facilities, Data Centers, Healthcare Facilities), By Country, Competition, Forecast and Opportunities, 2020-2030F

Market Report | 2025-05-16 | 120 pages | TechSci Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4000.00
	Multi-User License	\$5000.00
	Custom Research License	\$7500.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-06-24"/>
		Signature	<div><div></div></div>