

Atlantic Metal
Roofing Product LLC

Foam closure strips are essential for a tight and efficient metal roof, helping to seal out wind, rain, and insects. They're used at the roof's edges, under eaves, and between panels and ridge caps, preventing gaps and leaks. These strips compress and expand to fit the panel profile, ensuring a weather-tight seal and improving the overall performance of the metal roof.

PBR Inside Closures



PBR Outside Closures



5.25 Closures



If you are considering installing metal roofing materials, it is essential to understand the importance of foam closure strips. Foam closure strips offer a vital layer of protection between metal panels, helping to prevent water infiltration and providing added insulation. Without them, your metal roof could be vulnerable to damage caused by wind and rain. This article will discuss how to install foam closure strips for metal roofing.

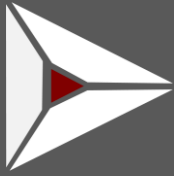
But with all the types available today, what kind should you choose? How do you differ from each other? And what steps must be taken? These are just some of the questions we'll answer in this article as we explore how

best to secure a new metal roof with foam closure strips.

With step-by-step instructions and detailed explanations about why each step is necessary, this article provides an easy-to-follow guide for anyone looking for information on installing foam closure strips for their metal roofs. From choosing the right strip type for your needs to understanding proper installation techniques—this comprehensive walkthrough has everything readers need to know before beginning their project!

Preparing The Surface for Foam Closure Strip Installation

Before installing foam closure strips for metal roofing, it is essential to prepare the surface properly. It will ensure the strips are securely attached and create a tight seal. First, use a pressure washer or wire brush to remove any loose debris or dirt from the surface. Then, inspect the area for any rust spots or other damage and repair them as needed. Finally, ensure all surfaces are clean and smooth before proceeding with the installation.



Atlantic Metal
Roofing Product LLC

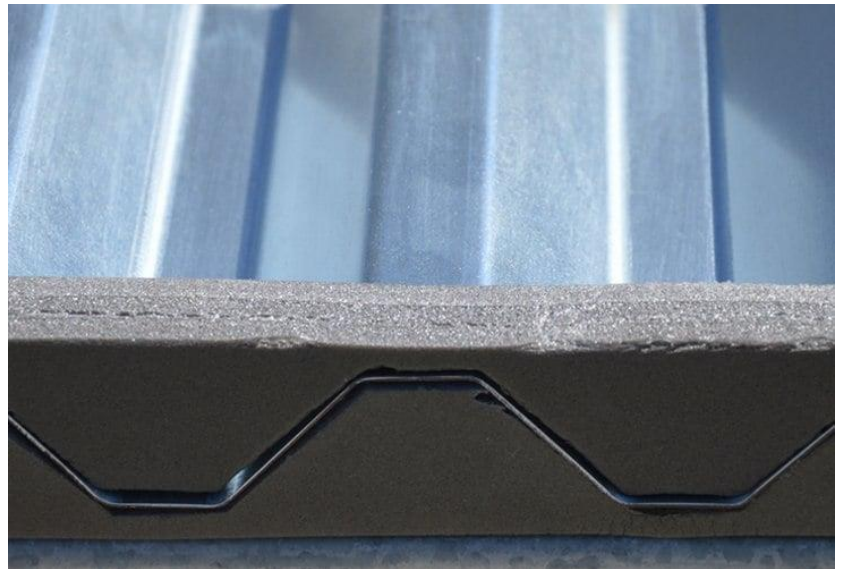
Next, you'll need to apply an adhesive primer so that your new foam closure strips can stick firmly in place when installed. Make sure you read all instructions on your chosen product carefully before applying it and follow any safety precautions indicated on its packaging. Allow the primer to dry completely before moving to step three: cutting your closure strip pieces into sizes.

Using either tin snips or a utility knife, cut each piece of foam strip according to measurements provided by manufacturer specifications (or whatever dimensions best suit your individual needs). Be sure to cut only a little; otherwise, you may end up with gaps between sections that air can escape through! With everything prepped correctly and ready to go, you're now ready for installation—which we'll cover next in our guide about selecting the correct type of foam closure strips for metal roofing applications.

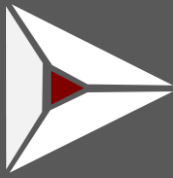
Selecting The Right Type of Foam Closure Strips

When installing foam closure strips on a metal roof, selecting the correct type of foam is essential. Numerous types of foam are available, each with its unique characteristics and benefits for different applications. It's essential to consider the roof's size and shape when selecting an appropriate product for your project.

The most common type of foam used in metal roofing is polyethylene closed-cell spray-applied insulation. This insulation protects against heat transfer, moisture infiltration, and sound transmission. Polyethylene closed-cell spray-applied insulation also has superior adhesion properties, which make it ideal for use in metal roofs where other types of insulation may not adhere as well or provide adequate coverage over large areas.



Finally, several other options are available, such as high-density open-cell spray foams or rigid board products that provide additional thermal performance benefits depending on the application requirements. While these materials require more labor during installation than

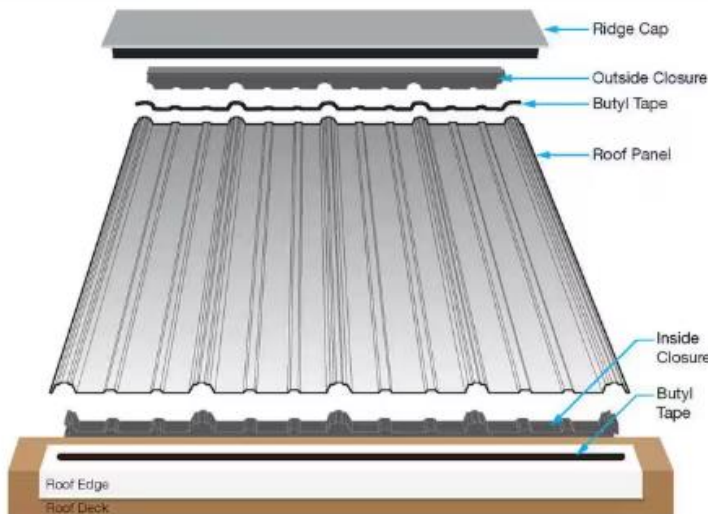


traditional polyethylene closed-cell sprays, they often offer increased durability and reliability when adequately installed and maintained over time. Choosing the suitable material will ensure optimal performance from your installation while helping to protect your investment long-term. With all these factors considered, selecting the best option for your project should be relatively simple once you have established what kind of performance you need from your closure strip installation job.

Installing Foam Closure Strips On A Metal Roof

Installing foam closure strips on a metal roof is integral to creating an adequately sealed structure. These strips are designed to protect the edges of the metal panels, preventing water and other elements from entering between them. But what exactly do you need to know when installing these strips?

First, ensure you have all the suitable materials for your installation project. You'll need foam closure strips – either self-adhesive or non-self-adhesive – and nails and screws (if necessary). For

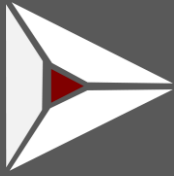


some installations, you may also need additional sealants or caulking material. Once you have everything ready, it's time to begin your installation process.

Start by measuring the area where you will place your foam closure strip so that it fits perfectly into place. Then use a knife or cutter to cut the strip according to measurements taken earlier, if needed, before sticking it onto the edge of each panel with adhesive or nails/screws (depending on the type). Ensure there is no gap left between two adjacent panels

after putting up your closure strip – this could lead to moisture leakage in the future! With careful attention paid to details such as proper sealing around corners and edges, one can ensure that their roofing installation job has been done correctly and effectively using foam closures strips.

Overall, it is essential to have the proper insulation to prevent water damage and energy loss from your home or business. Foam closure strips excellently provide that insulation while also ensuring a secure fit against wind gusts and other forces that can be damaging over time.

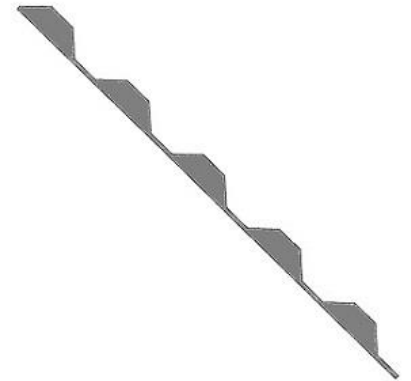


Atlantic Metal
Roofing Product LLC

If you're considering installing foam closure strips on your metal roofing project, do your research ahead of time to know what materials work best with your particular setup. It's also important to get help from experienced professionals if needed – they can ensure everything is installed correctly so you don't have any problems down the road!

Why use foam closure strips?

- **Weather-tight Seal:** Foam closures create a barrier against wind, rain, snow, and moisture, preventing them from penetrating the roof system.
- **Insect and Pest Control:** They seal out unwanted pests and animals that might otherwise seek shelter under the roof.
- **Noise Reduction:** Foam closures help dampen noise from rain and other weather events.
- **Improved Insulation:** By sealing air gaps, they contribute to better insulation and energy efficiency.
- **Aesthetic Improvement:** A properly installed foam closure strip adds to the overall look and finish of the metal roof.



Types of foam closure strips:

Outside



Inside

- **Inside Closure Strips:** Installed under eaves or along the inside of a panel profile to seal the underside of the panel.
- **Outside Closure Strips:** Installed at the ridge or on the exterior of a panel profile to seal the top or outside of the panel.
- **Ridge Cap Foam Closure Strips:** Used between the roof steel and the ridge cap to prevent wind, rain, and snow from collecting under the ridge cap and panels.
- **Corrugated Foam Closure Strips:** Specifically designed for use with corrugated metal roofs.
- **Flat Panel Foam Closure Strips:** Designed for use with flat metal panels.



How to install foam closure strips:

1. **Match the strip to the roof panel:** Ensure the closure strip matches the shape and profile of your metal roof panels.
2. **Remove the release paper:** Most foam closure strips have a backing paper that needs to be removed before installation.
3. **Embed the strip:** Gently embed the closure strip onto the designated area on the roof panel.
4. **Secure the installation:** For some strips, you'll need to fasten them securely to the roof panel, usually with screws or by overlapping them with other elements like ridge caps.

Important Considerations:

- **Material and Adhesive:** The material and adhesive of the foam closure strip are important for its durability and effectiveness.
- **Proper Installation:** Correct installation is crucial for the foam closure strip to provide the desired sealing and performance.
- **Ventilation:** While foam closures help seal out unwanted moisture, proper ventilation is still important to prevent condensation buildup.

