

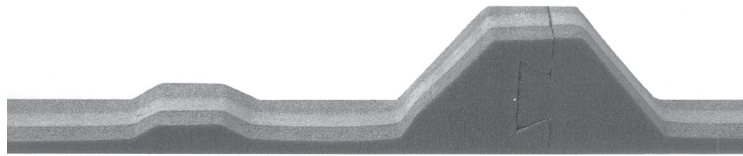


CLOSE-TITE™ CLOSURE FOR METAL ROOF SYSTEMS

CLOSURE PROFILES

| Panel Profile Description | Pitch Of Corr. | Hgt. Of Corr. | Length Of Strip | Pcs. Per Ctn. | Ft. Per Ctn. |
|------------------------------|----------------|---------------|-----------------|---------------|--------------|
| 2.67" Corrugated | 2.67" | 1/2" | 24" | 100 | 200 |
| Wheeling Channel Drain | | | | | |
| Inner | 6" | 1/2" | 36" | 100 | 300 |
| Outer | 6" | 1/2" | 36" | 100 | 300 |
| 2.5" Corrugated | 2.5" | 9/16" | 38-3/4" | 100 | 323 |
| Granite City Strong Panel II | | | | | |
| Inner | 9" | 5/8" | 36" | 100 | 300 |
| Outer | 9" | 5/8" | 36" | 100 | 300 |
| Metal Sales Pro Panel II | | | | | |
| Inner | 9" | 5/8" | 36" | 100 | 300 |
| Outer | 9" | 5/8" | 36" | 100 | 300 |
| 3/4" Hi Rib* | | | | | |
| Inner | 9" | 3/4" | 36" | 100 | 300 |
| Outer | 9" | 3/4" | 36" | 100 | 300 |
| Delta Rib | | | | | |
| Inner | 8" | 3/4" | 24" | 100 | 200 |
| Outer | 8" | 3/4" | 24" | 100 | 200 |
| M/U Panel | | | | | |
| Inner | 6" | 3/4" | 36" | 100 | 300 |
| Outer | 6" | 3/4" | 36" | 100 | 300 |
| A-Panel | | | | | |
| Inner | 12" | 1-1/8" | 36" | 100 | 300 |
| Outer | 12" | 1-1/8" | 36" | 100 | 300 |
| Metal Sales Span Line 36 RW | | | | | |
| Inner | 12" | 1-1/8" | 36" | 100 | 300 |
| Outer | 12" | 1-1/8" | 36" | 100 | 300 |
| R-Panel | | | | | |
| Inner | 12" | 1-1/4" | 36" | 100 | 300 |
| Outer | 12" | 1-1/4" | 36" | 100 | 300 |
| McElroy Multi-Rib | | | | | |
| Inner | 12" | 1-1/4" | 36" | 100 | 300 |
| Outer | 12" | 1-1/4" | 36" | 100 | 300 |

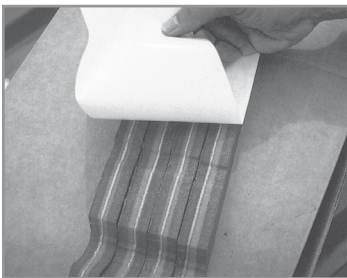
* Matches: Grand Rib III, Max Rib, Imperial Rib, Classic Rib and Century Drain



Specially formulated closed-cell polyethylene foam. The unique fusing process results in a plywood-like lamination that offers exceptional strength and uniform compressibility. Many of the closure shapes shown here are available with a dovetail interlocking joint that speeds up the installation and eliminates gapping often found with flat end-to-end joints.

Beveled Closure

With today's emphasis on the architectural aesthetics of metal roofing, unusual cut back angles and valleys result in challenging closure applications. Standard 90 degree closure will not provide an acceptable fit and seal. We can custom produce closure in bevel configurations which take into account the cut back angles and roof slope of each individual application. These parts are custom cut to your panel and specific order needs.



Adhesive

Adhesive is a bead of glue that can be applied to either side of your closure configuration. It allows for secured placement of the closure strip prior to installation of the panel.

Typical Outside Closure



Typical Inside Closure



CHEMICAL RESISTANCE

| Reagent | Concentration | Dimensional Change* (% Volume) |
|----------------------|---------------|--------------------------------|
| Sulfuric Acid | 30% | +0.4 |
| Nitric Acid | 10% | -0.7 |
| Hydrochloric Acid | 10% | +5.4 |
| Carbolic Acid | 5% | +5.0 |
| Acetic Acid | 5% | -0.6 |
| Oleic Acid | -- | -0.7 |
| Citric Acid | 10% | +6.5 |
| Ethyl Alcohol | 95% | +0.4 |
| Carbon Tetrachloride | -- | +18.0 |
| Heptane | -- | 18.5 |
| Ethylene Disulfide | -- | +3.0 |
| Toluene | -- | +15.0 |
| Distilled Water | -- | 0 |
| Hydrogen Peroxide | 3% | +1.7 |
| Caustic Soda | 10% | +0.9 |
| Ammonia | 10% | -5.8 |
| Sodium Carbonate | 2% | +7.4 |
| Saline | 10% | +4.0 |

* Immersion for 7 days at 68° F.

PERFORMANCE

| | Units | Properties* |
|--|----------------------------------|-----------------------------------|
| Bulk Density | pcf | 2 |
| Average Cell Size | mils. | 10 |
| Tensile Strength (ASTM D-1564) | psi | M 45-55 C 36-44 |
| Elongation, 20° C (ASTM D-624) | % to break | M 124-152 C 100-122 |
| Tear Resistance, 20° C (ASTM D-1564) | lb./in. | M 10-12 C 7-6 |
| Compression Set, 22 hrs. 50% CCompression, 24 hr. recovery (ASTM D-1056) | % of original thickness | 16 Max. |
| Service Temperature | °F | -100 to +180 |
| Thermal Conductivity | BTU-in./hr.-Ft. ² -°F | 0.25 |
| Water Absorption (ASTM D-1667) | lbs./sq. ft. cut surface | Max. 0.04 |
| Buoyancy | lbs./cu. ft. | 55.0 Min. |
| Compression Strength | 25% psi 50% 75% | 4.9-6.1 12.7-15.5 38.8-47.4 |
| Shore Hardness (ASTM D-2240) | AA Scale 00 Scale | 7 51 |

* M= Machine Direction
* C= Cros-Machine Direction
* Ozone & UV Test Results Available On Request.

DISCLAIMER: All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. 03.21-1