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Terms and Conditions

By conducting business with, and placing any orders with Dakota Steel, you agree to the of terms of sale.

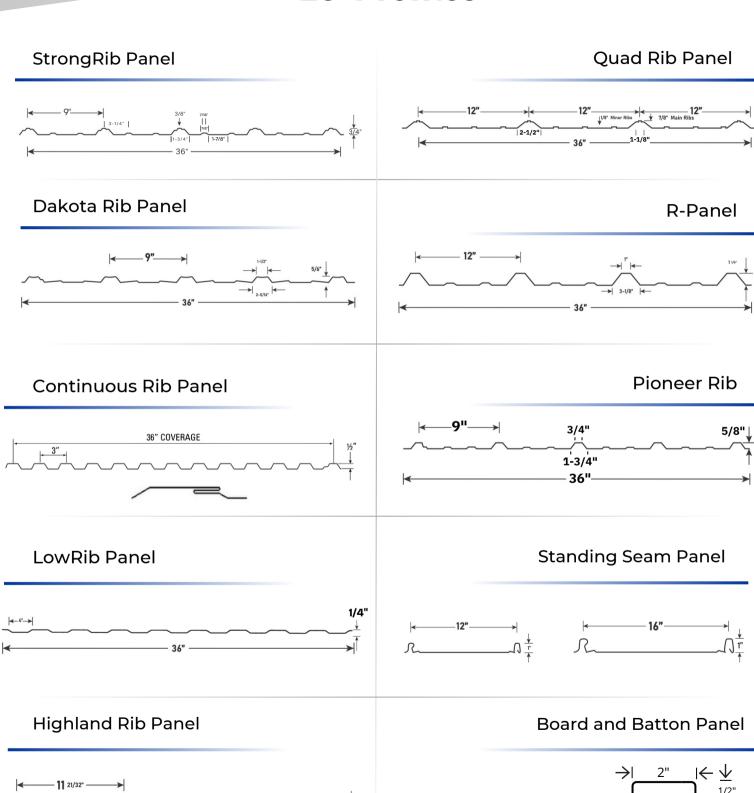
- 1. Price -- Prices are subject to adjustment by Seller in order to conform to Seller's prices in effect at date of shipment. Prices specified may not include any taxes (excise, privilege, occupation, sales, use, or other taxes payable on account), and all such taxes now in effect and/or hereafter levied which are applicable are in addition to such price and shall be paid by the Purchaser.
- 2. Terms of Payment---All accounts are payable in U.S. funds at the office of the Seller in Canton, South Dakota unless otherwise stated on the invoice. Payments on account by the Purchaser may, at the Seller's option, be applied on the oldest unpaid items of account in order of original date. Cash prior to credit approval by Seller's Credit Department. Purchaser's financial responsibility is always subject to approval of Seller's Credit Department. All payments shall be due at par in Canton, South Dakota in accordance with terms stated on the face of the invoice. A late charge will be assessed on delinquent balances. In the event collection of any unpaid balance is placed in the hands of attorneys, Purchaser shall pay reasonable attorney fees and costs of collection. If at any time, the financial responsibility of the Purchaser is impaired, the Seller shall have the right to cancel orders, discontinue shipments, require payments in advance and/or require other satisfactory security to guarantee that invoices will be paid promptly when due.
- 3. Handling and Shipment of Customer Orders---Telephone Orders--Purchaser assumes responsibility of the accuracy of orders placed by telephone unless a written confirmation is received prior to fabrication. When urgencies require verbal orders, your confirming order should be marked "Confirming Order-Do not Duplicate". Seller recognizes the need of filling orders promptly and agrees that it will use its best efforts to make shipments on the dates specified by Purchaser, provided such dates are reasonable; but, Seller shall not be liable for any damages for failure to make shipments on time due to fire, strikes, lockouts, differences with workmen, accidents, war, insurrection, delays in transportation, equipment failure, shortage of cars, trucks, fuel or material, governmental interference or regulation, acts of God or any other contingencies beyond Seller's control. Delivery and Shipment--Purchaser will pay freight and transportation charges. Upon delivery of materials, FOB carrier at Seller's plant, all risk of loss, damage and other incidents of ownership shall immediately pass to Purchaser, but title to such materials will be retained by Seller as security for Purchaser's performance until payment in full is received.
- **4.Warranty**---The following is in lieu of all warranties, express, implied, or statutory including but not limited to any express or implied warranties of merchantability or fitness for a particular purpose, warranties are made by Purchaser, or any other obligations on the part of the Seller. Seller warrants that at the time of delivery, the materials/goods delivered under this contract will conform to specifications and will be free from defects in materials and workmanship.
- 5. Remedies and Damages---If the materials/goods furnished by the Seller fail to conform to such warranty, Seller's sole and exclusive liability shall be to repair, replace, or upon mutual agreement to credit Purchaser's account for defective material only. If repair or replacement is made, Seller shall have reasonable time to make such repair or replacement FOB seller's plant, freight allowed. Notice of defective materials/goods must be given to Seller within ten (10) days of delivery. Final notice of any defect discoverable by inspection must be given to Seller, in writing, within thirty (30) days from date of delivery. In no event shall Seller be liable for special, incidental, or consequential damages for any breach of provisions of this contract including, but not limited to, loss of goodwill, loss of profit, loss of use or loss of crops. In the event of purchaser failure or refusal to accept materials ordered, seller may without notice retain or repossess said materials and Purchaser shall be liable for the full purchase price, less allowance for the then current value thereof at the mill after deducting freight, storage, handling and other costs.

Important Information 1. Storage---Galvalume, galvanized, and colored steel sheets have a good service life when exposed to normal weather conditions. However, these same sheets are subject to staining when water sits upon or becomes trapped between the sheets. If galvalume, galvanized, or colored sheets are to be stored for any period, they should be unbundled and stood on end against an interior wall. Metal should be spread or fanned out at their bottom ends to allow for air circulation and should be off the ground on blocks. Never cover the material with plastic as this promotes sweating. Failure to follow these steps may result in wet storage stain and premature white rusting which the manufacturer cannot be held responsible for.

2. Cutting ---When using a power saw to cut metal panels, several precautions should be taken. Place the bottom (interior) surface of the sheet up and cover with a tarp to protect the top (exterior) surface from the hot metal filings. This also reduces the chance of damage. When doing the actual cutting, be sure to wear protective eyeglasses and do it away from other unused or applied panels. Metal filings may become embedded in the surface of the actual sheet and if left alone will quickly rust. Be sure to wipe all filings from both surfaces before application.



10 Profiles





| \cap | | |
|---------------|---|----|
| $\Gamma \cap$ | | rc |
| Co | U | J |

| STRONG RIB | PIONEER RIB | QUAD RIB | 26 Gauge DAKOTA RIB | 29 Gauge DAKOTA RIB | R-PANEL | 26 Gauge CONTINUOUS RI | 29 Gauge CONTINUOUS RI | LOW RIB | HIGHLAND RIB | STANDING SEAM | BOARD AND |
|---|-------------|----------|------------------------|------------------------|---------|---------------------------|---------------------------|---------|--------------|---------------|-----------|
| Colors not checked may require special order. | | | | | | | | | | | |

* Direct Job-Site delivery with Forklift available upon request. *

| 29 Gauge, 26 Gauge, | STRONG | PIONEER | QUAD R | 26 Gau DAKOTA F | 29 Gau | R-PAN | 26 Gau CONTINUC | 29 Gau CONTINUC | LOW RIE | HIGHLAND | STANDING | BOARD AN BATTEN |
|---------------------------------|--------|---------|--------|--------------------|----------|--------------|--------------------|--------------------|----------|----------|----------|--------------------|
| (Trims 28 Gauge) | STR | PIO | δ'n, | D A | DAK | <u> </u> | Ö | Ö | [O | 탈 | STAI | BOA BAT |
| Over 27+ Colors In Stock | | | | | ot check | ed may | | | l order. | | | |
| GA - Bare Galvanized | * | * | * | * | * | * | * | * | * | * | * | * |
| GV - Bare Galvalume | * | * | * | * | | * | * | | * | * | * | |
| KW - Kestrel White | * | * | * | * | * | * | * | * | * | * | * | * |
| BW - Bone White | * | * | * | * | * | * | * | * | * | * | * | * |
| CI - Cobblestone Ivory | * | * | * | * | | * | * | * | * | * | * | * |
| DS - Dakota Sand | * | * | * | * | | * | * | * | * | * | * | * |
| LS - Light Stone | * | * | * | * | * | * | * | * | * | * | * | * |
| RH - Rawhide | * | * | * | * | * | * | * | * | * | * | * | * |
| CM - Clay Mist | * | * | * | * | * | * | * | * | * | * | * | * |
| AG - Ash Gray | * | * | * | * | \star | * | * | * | * | * | * | $\overline{\star}$ |
| SG - Smoke Gray | * | * | * | * | \star | * | * | * | * | * | * | $\overline{\star}$ |
| CG - Charcoal Gray | * | * | * | * | * | * | * | * | * | * | * | * |
| DG - Dakota Gray | * | * | * | * | * | * | * | * | * | * | * | * |
| CB - Cocoa Brown | * | * | * | * | * | * | * | * | * | * | * | * |
| LB - Light Brown | * | * | * | * | | * | * | * | * | * | * | * |
| DB - Dark Brown | * | * | * | * | | * | * | * | * | * | * | * |
| BS - Burnished Slate | * | * | * | * | * | * | * | * | * | * | * | * |
| RB - Roman Blue | * | * | * | * | | * | * | * | * | * | * | * |
| GB - Gallery Blue | * | * | * | * | | * | * | * | * | * | * | * |
| DE - Dark Blue | * | * | * | * | | * | * | * | * | * | * | * |
| BR - Barn Red | * | * | * | * | * | * | * | * | * | * | * | * |
| CR - Crimson Red | * | * | * | * | | * | * | * | * | * | * | * |
| BY - Classic Burgundy | * | * | * | * | * | * | * | * | * | * | * | * |
| FO - Forest Green | * | * | * | * | * | * | * | * | * | * | * | * |
| FE - Fern Green | * | * | * | * | | * | * | * | * | * | * | * |
| BK - Black | * | * | * | * | * | * | * | * | * | * | * | * |
| CO - Copper Metallic | * | * | * | * | | * | * | * | * | * | * | * |
| ALSW - Aluminum - Glossy Smooth | * | * | * | | | | | | | | | $\overline{\star}$ |
| White Bright White Liner | * | * | * | | | | | | * | | | |
| Perforated Acoustic White Liner | * | * | * | | | | | | * | | | |
| AE - American Elm Siding Only | | | | | | | | | | | | * |
| SF - Silver Forest Siding Only | | | | | | | | | | | | |
| IW - Iron Wood Siding Only | | | | | | | | | | | | * |
| RF - Red Fawn Siding Only | | | | | | | | | | | | * |

| | _ | | | | Availa | ble in 33" F | Panel | | | |
|--|------------|-------------|----------|------------|---------|----------------|---------|--------------|---------------|---------------------|
| Substrate 29 Gauge AZ50-2900 C60-2960 G90-2990 AZ50-2690 G90-2690 | STRONG RIB | PIONEER RIB | QUAD RIB | DAKOTA RIB | R-PANEL | CONTINUOUS RIB | LOW RIB | HIGHLAND RIB | STANDING SEAM | BOARD AND BATTEN |
| AZ50=2900 | * | * | * | | | * | * | * | | |
| G60=2960 | * | * | * | * | | * | * | * | | (04) |
| G90=2990 | * | * | * | | | * | * | * | | — ^{z/e} — |
| AZ50=2600 | * | * | * | * | * | * | * | * | * | |
| G90=2690 | * | * | * | * | * | * | * | * | * | Sidir 28 g |
| | | | | | | | | | | |

- Copper Metallic & Dark Blue -15% Premium Colors ~ Panels & Trims
- Bare product is Acrylic Coated G-90 Galvanized and AZ 55 Galvalume

- Check with your dealer to see what profiles may be installed on open framing or solid substrate.
- Colors checked usually stocked and available for WILL CALL production within 48 hours.
- Dakota Steel and Trim 45 Year Paint Warranty
- \$1.00 Per cut charge for lengths under 36" Mininum 36" for Low Rib & Quad Rib



PVC Material

ALL MATERIAL ON THIS PAGE (Requires 1 Step Screws or pre-drilled 1/4" holes)

Agriculture Liner--Special order -2 weeks Continuous Rib Ag Liner--Special order -2 weeks

Special Advantages to PVC Liner Panels:

- 1. Chemical Resistance: Unlike metal panels, PVC panels are not prone to corrosion from chemicals
- 2. Moisture Resistance: PVC Liner panels are highly resistant to moisture, making them ideal for environments where humidity and water exposure are common
- 3. Thermal Insulation: PVC Panels provide better thermal insulation compared to metal panels

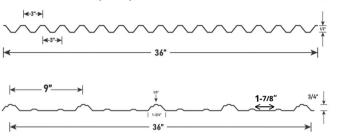
PVC Ag Panel

(special order for custom lengths)

Part No. Length

PVCSRLP20 20'4"

- · Liner Panels have been installed in various agricultural facilities to meet stringent hygiene standards and requirements and provide easy-to-clean surfaces
- · In food prep and storage areas, maintaining high hygiene standards is crucial. PVC liner panels have been successfully used in these environments to provide a clean low-maintenance, and durable surface
- PVC Liner panels are ideal for vehicle wash bays due to their resistance to moisture and chemicals. They provide a durable and easy to clean surface that can withstand the harsh conditions of frequent washing
- The panels have been installed in commercial kitchens where hugiene and ease of cleaning are paramount. Their resistance to mold, mildew, and most chemicals makes them an excellent choice for these environments





StrongRib Ag Liner-36" Coverage

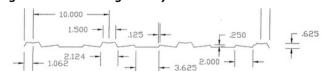
| Polycarbonate Strong Rib Skylight Panels | Part No. | Length |
|---|-------------|--------|
| Polycarbonate Skylight Panels (Clear-90% ~ Smoke-80% ~ White-70%) | SKCLEAR8 | 8' |
| | SKCLEAR10 | 10' |
| {STRONGRIB WHITE 8' AND 10' are not stocked} WHITE IS SPECIAL | SKCLEAR12 | 12' |
| Polycarbonate Skylight Panels (Pioneer Rib and R-Panel CLEAR) | SKCLEAR12XX | 12' |
| Polycarbonate Skylight Panels (Dakota Rib CLEAR) | SKCLEAR12DR | 12' |

PVC Ag Panel Accessories



| PVC J-Trim 1-1/4" One-Stepper | J7810PVC | 10' |
|---|----------|--------|
| White Painted Screw (500/Bag) | 125OSW | 1-1/4" |
| 1-1/4" One-Stepper Zinc Screw (500/Bag) | 125OSZ | 1-1/4" |
| 2" One-Stepper Zinc Screw (500/Bag) | 2OSZ | 2" |

Strong Panel"5 oz Fiberglass Skylite



Clear Continuous Rib Skylite

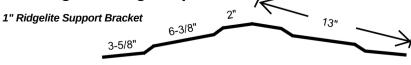


Part No. Length 10" OC, 32" Coverage SKWHITEGLAS-SP3212

Smooth Translucent White

| Part No. | Length |
|---------------|--------|
| SKCLEARCR12-C | 12' |

24" Ridgelite Ridge Cap



| Part No. | Length |
|----------|--------|
| RIL | 10' 6" |
| RILBK | 1" |

ONLY IN - CLEAR, WHITE, SMOKE



DRIP STOP

Some Smart Reasons to use DR!PSTOP on your next job:

Stated by Customers and Contractors

- 1. "Stops Condensation": When temperature and humidity conditions reach the dew point, moisture condenses and is trapped. DR!PSTOP holds that moisture until conditions go back below the dew point and it is released back into the air in the form of normal humidity WITHOUT DR!PPING!
- 2. "Protects your Steel": Rubber adhesive natural barrier against ammonia in confinements.
- 3. "Saves time and money for installation": Applied on roof steel during manufacturing process.

- 4. "Greatly reduces installation safety hazards": Eliminates fall hazards with installation of Double-Bubble or Fan-Fold, especially in windy conditions.
- 5. "Provides natural acoustic system": Drip Stop absorbs significant amount of noise and greatly reduces echos.
- 6. "Easy to Clean": You can use a high powered pressure washer to clean if necessaru.
- 7. "Durability" -Won't Come Off: Birds won't be able to nest and destroy this barrier

8. "Anti-Microbial Design":

Recommended for Confinements ~ Material engineered to resist microbial nesting.

- 9. **Satisfied Customers**: The most profitable business has satisfied customers!
- 10. Bottom Line: Proven Quality Performance Satisfaction

NOTE: DR!P STOP REQUIRES VENTILATION/AIR MOVEMENT IN ORDER TO PROVIDE AN ENVIRONMENT FOR EVAPORATION.

Without sufficient ventilation, material will become saturated beyond evaporation capacitu.

USE THIS LINK: http://www.youtube.com/watch?v=v-MOzfwZEn0



INSTALLATION
INSTRUCTION
TECHNICAL DATA

Smoke generation and flamespread -UL723 approved **Capilarity**: Can wick in moisture -that is why it does not go all the way into the lap of the panel. Installer needs to seal the HORIZONTAL OVERLAPS AND EAVE OVERHANG with hot air gun ---this will fuse the fibers against wicking.

Anti-Microbial: Polyester and rubber does not provide food for fungi or microbes. Absorption: Holds up to 10 times its own weight in water ---more than 1 quart per 10 ft2



DRIP STOP

For Owners:

Condensation Control: Drip Stop effectively prevents condensation from forming on the underside of metal roofs. This is crucial in environments with significant temperature and humidity fluctuations, as it helps avoid water damage and corrosion

Mold and Mildew Prevention: By controlling moisture, Drip Stop reduces the risk of harmful bacteria growth. This is particularly important for maintianing the health of the building's occupants and preserving stored goods

Extended Roof Lifespan: The liner helps protect the metal roof from rust and other forms of deterioration caused by moisture. This can significantly extend the lifespan of your roof, saving on long-term maintenance and replacement costs

Improved Indoor Environment: It reduces rain noise and helps maintain stable indoor temperatures, enhancing confort inside the building



For Installers:

Competitive Edge: Offering Drip Stop as part of your service can set you apart from competitors, showcasing your commitment to effective solutions

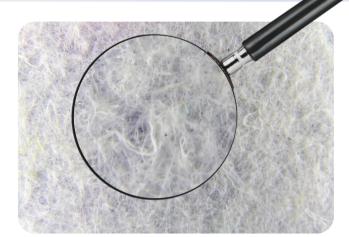
Ease of Installation: Drip Stop is east to apply during the roll-forming process, making it a convenient addition to your roofing projects

Reduce Liability: By preventing condensation and related issues, Drip Stop helps reduce potential liability for water damage and mold problems

Ease of Installation: Drip Stop is east to apply during the rollforming process, making it a convenient addition to your roofing projects

Customer Satisfaction: Providing a solution that addresses common roofing issues, leading to happier clients and fewer callbacks





How Easy Is it to Install?

Factory-Applied: Drip Stop is applied to the metal panels during the rollforming process at the factory. This means it arrives at the job site already attached, saving significant time and effort during installation

No Additional Tools Required: Since Drip Stop is pre-applied, there is no need for additional tools or materials to install it on-site. This simplifies the installation process and reduces the risk of errors

Durable and Tear-Resistant: The liner is designed to be resistant to ripping and tearing, ensuring it remains intact during handling and installation

Easy to Clean: Drip Stop can be easily cleaned with a hose or pressure washer, making maintenance straightforward and hassle-free

Reduces Installation Time: With Drip Stop pre-applied, simply place fasteners at the edges and overlaps, allowing for quick and easy panel installation

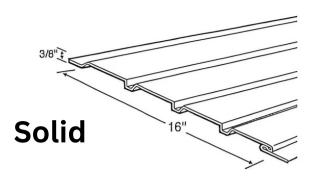


DRIPSTOP cannot be applied to Low Rib, Dakota Rib, Standing Seam, Soffit, and Board and Batten in the Dakota Steel & Trim, Inc. offering

Length

Per LF

Per LF



Specify Custom Lengths

Part No.

SRXXPE2960

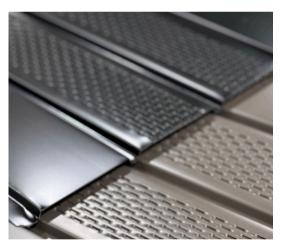
DRXXPE2960

Center Vented

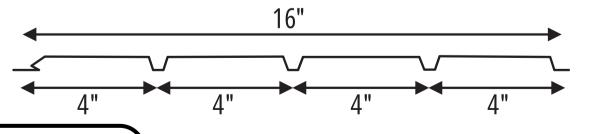
Soffit

Specifications:

- -Standard 12' lengths
- -Custom lengths available
- -11-3/4" and 23-3/4"
- -2 Panel Patterns.
- -Available in 32 colors.
- -NFA Ratings:
- -16" Center Vented -8 sq. in./LF -



SOFFIT PROFILE



Clay Mist

Ash Gray

Burnished Slate

Black

Roman Blue

Gallery Blue

Dark Blue

Barn Red

Crimson Red

Classic Burgundy

Forest Green

Fern Green

Charcoal Gray

Smoke Gray

Rawhide

9

*Colors Below - Aluminum Only On Fascia Matte Black Copper Metallic Snowmist

Light Brown

Cocoa Brown

Jakota Gray

Dark Brown

Kestrel White

Bone White

Cobblestone Ivory

Dakota Sand

Light Stone

DSResidential Products

ALUMINUM SOFFIT & TRIM COLORS:

| KW | Kestral White | SW | Snowmist** | | |
|-------|------------------------|--------|-----------------|--|--|
| BW | Bright White | BN | Brown** | | |
| CI | Cobblestone Ivory | EV | Evergreen** | | |
| DS | Dakota Sand | CY | Clay** | | |
| LS | Light Stone | RH | Tan | | |
| AG | Ash Gray | SG | Smoke | | |
| CG | Charcoal Gray | RB | Roman Blue | | |
| СВ | Cocoa Brown | CR | Bright Red | | |
| LB | Light Brown | CO | Copper | | |
| DB | Dark Brown | MK | Matte Black** | | |
| BS | Burnished Slate | FE | Fern | | |
| GB | Gallery Blue | ВК | Black | | |
| DB | Dark Blue | | | | |
| BR | Barn Red | | | | |
| СВ | Classic Burgundy | | | | |
| FG | Forest Green | | | | |
| **Alı | uminum Fascia only ava | ilable | in these colors | | |
| | | | | | |

STEEL TRIM COLORS:

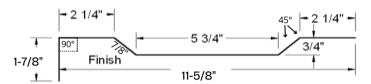
| GA | Galvanized | DB | Dark Brown |
|----|-------------------|----|------------------|
| KW | Kestrel White | BS | Burnished Slate |
| BW | Bone White | RB | Roman Blue |
| CI | CobbleStone Ivory | GB | Gallery Blue |
| DS | Dakota Sand | DE | Dark Blue |
| LS | Light Stone | BR | Barn Red |
| RH | Rawhide | CR | Crimson Red |
| СМ | Clay Mist | BY | Classic Burgundy |
| AG | Ash Gray | FO | Forest Green |
| SG | Smoke Gray | FE | Fern Green |
| CG | Charcoal Gray | ВК | Black |
| СВ | Cocoa Brown | CO | Copper Metallic |
| LB | Light Brown | | |
| | | | ' |
| | | | |
| | | | |
| | | | |

| PARTS LIST | | | | | |
|-------------------------------------|------------------------------|------------------|---------------|--|--|
| Part Numbers | Description | Standard Lengths | Quantity/Box | | |
| DSQSALSO | Solid Soffit | 144" | 12 Pcs/Carton | | |
| DSQSALCV | Center Vent Soffit | 23.75" | 24 Pcs/Carton | | |
| See panel pricing for Soffit prices | | | | | |
| | | Part Number | Length | | |
| 1-1/4" Nails (1 lb Box) | (Limited color availability) | DSNA125 | 1-1/4" | | |



Commercial Soffit

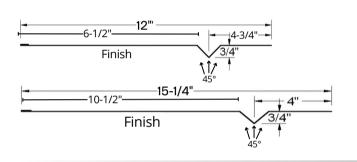
Commercial Soffit (Solid or Vented White)



Part No. Length COMSOFFIT 12' 3"

Vented ONLY in white / Solid all colors 1-7/8" x 2-1/4" x 5-3/4" x 2-1/4" (1/4" Holes) *** Air Flow: 1/4" HOLES - 26.3 square inches / LF

Curtain Trim

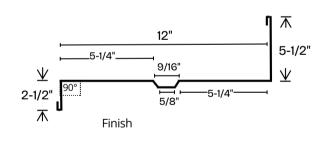


Part No. Length

CURTAINTR1212 12' 3"

CURTAINTR1512 12' 3"

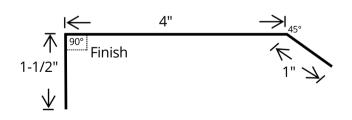
Soffit Trim



Part No. SOFT

Length 10' 5"

Soffit Snow Guard



Part No. SOFG

Length

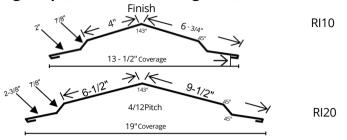
12' 3"



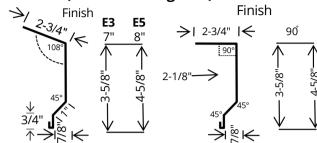
28 Gauge Trims



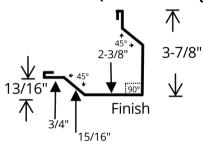
Ridge Cap (14" With Stiffening Ribs)



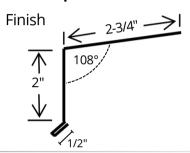
Eave Trim (with Stiffening Ribs)



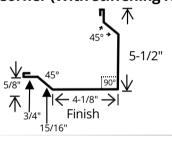
Mini-Rake & Corner (With stiffening ribs)



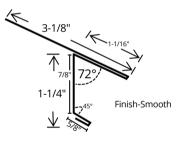
Gutter Apron



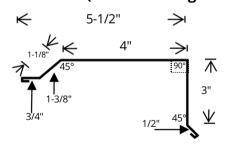
Rake & Corner (With stiffening ribs)



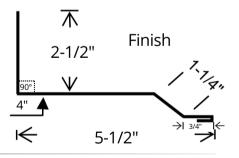
Drip Edge



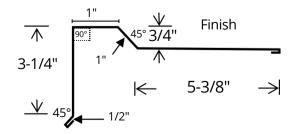
Universal Rake (With stiffening ribs)



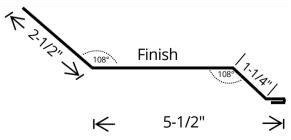
Universal Sidewall (Gable Wall)



Special Universal Rake

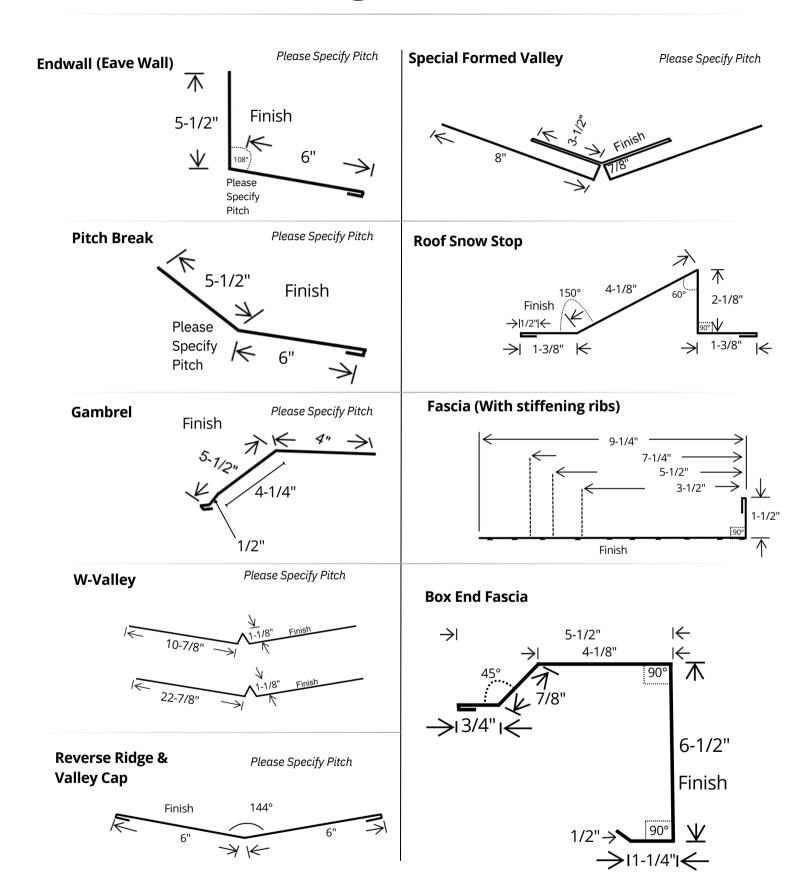


Special Universal Sidewall



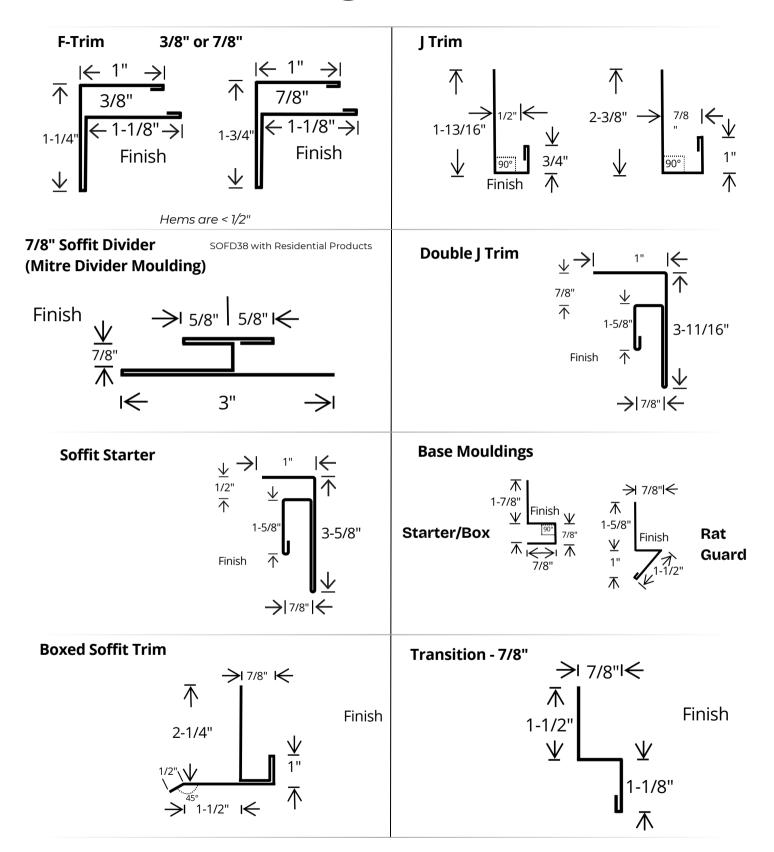
Notes: Copper Metallic & Dark Blue Panels and Trims - add 15% Notes: Standard Hems are 1/2" - Variable Due to Trim Requirements Galvanized Trims - Less 10%

| Part No. RI RI20 RIDR RI20DR | Length 10' 5" 10' 5" 10' 5" 10' 5" | Ridge Cap (14" With Stiffening Ribs) | Part No. E3 E390 E5 E590 | Length 10' 5" 10' 5" 10' 5" 10' 5" | Eave Trim (with stiffening ribs) |
|--|--|--|--------------------------------------|------------------------------------|-------------------------------------|
| Part No. MR10 MR12 MR14 MR16 MR18 | Length 10' 5" 12' 5" 14' 5" 16' 5" 18'5" | Mini-Rake & Corner (With stiffening ribs) | Part No. GU | Length 10' 5" | Gutter Apron |
| Part No. RC10 RC12 RC14 RC16 RC18 | Length 10' 5" 12' 5" 14' 5" 16' 5" 18' 5" 20' 5" | Rake & Corner (With stiffening ribs) | Part No. DE | Length 10' 5" | D Edge |
| Part N UR | No. Length 10' 5" | Universal Rake (With stiffening ribs) | Part No. US | Length 10' 5" | Universal Sidewall (Gable Wall) |
| Part No SUR | o. Length 10' 5" | Special Universal Rake | Part No. SUS | Length 10' 5" | Special Universal Sidewall |



Notes: Copper Metallic & Dark Blue Panels and Trims - add 15% Notes: Standard Hems are 1/2" - Variable Due to Trim Requirements Galvanized Trims - Less 10%

| Endwall (Ea | ve Wall) | Please Specify Pitch | Special Formed Valley | | Please Specify Pitch |
|----------------------------|----------------------|----------------------|----------------------------------|-------------|----------------------|
| | Part No. | Length | | Part No. | Length |
| | EW | 10' 5" | | SFV | 10' 5" |
| Pitch Brea | ık | Please Specify Pitch | Roof Snow Stop | | |
| | Part No. | Length | | Part No. | Length |
| | РВ | 10' 5" | | RSS | 10' 5" |
| Gambrel | | Please Specify Pitch | Fascia (With stiffening ribs) | Part FA3 | No. Length |
| | Part No. | Length | | FA5 | 10' 5" 10' 5" |
| | GB | 10' 5" | | FA7 | 10' 5" |
| | | | | FA9 | 10' 5" |
| W-Valley | | Please Specify Pitch | Box End Fascia | | |
| | Part No. | Length | BOX Ella l'ascia | | |
| | WV24 | 10' 5" | | | Length |
| | WV48 | 10' 5" | | BF | 10' 5" |
| Reverse Ridg Valley Cap | ge & Plea | se Specify Pitch | | | |
| | Part No. | Length | | | |
| | RRI | 10' 5" | | | |

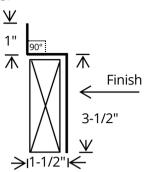


| F-Trim | 3/8" or 7/8" Part No. Length FT38 10' 5" FT78 10' 5" | J Trim Part No. Length J12 (1/2") 10' 5" J7810 10' 5" J7812 12' 5" |
|--|---|---|
| /8" Soffit Divider Mitre Divider Mo | | Double J Trim Part No. Length DJ78 10' 5" DJ12 10' 5" |
| Soffit Starte | r Part No. Length SOFS 10'5" | Part No. Length SX 10'5" RG 10'5" |
| Boxed Soffit Tri | m Part No. Length BOXSOF 10' 5" | Transition - 7/8" Part No. Length TR78 10' 5" |

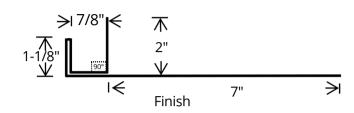
Hem Trim Angle Flashing Finish Finish **Brick Mould Trim →**| 5/8"|← **Inside Corner** Finish Finish 1-3/8 90° **Square Track Cover Wall & Ceiling Trim** 1-1/8" ← 3-3/8" → Finish 7/8" **Finish ↑** → 7/8" ← **Drip Cap** Finish 1-3/4" 1-5/8" ->

| Hem Trim | Part No. L HT | ength 10' 5" | Angle Flashing | Part No. AF15 AF2 AF3 | Length 10' 5" 10' 5" 10' 5" |
|--------------------|------------------|------------------|------------------|--------------------------------|--------------------------------------|
| Brick Mould Trim | Part No. BM | Length 10' 5" | Inside Corner | Part No. INC | Length 10' 5" |
| Wall & Ceiling Tri | m | | Square Track Cov | ver | |
| | Part No. WC | Length 10' 5" | | Part No. STC | Length 10' 5" |
| Drip Cap | Part No. DC | Length 10' 5" | | | |

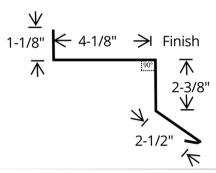
Track Board Cover



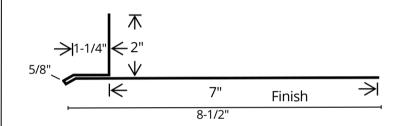
7" OH Door Jamb J



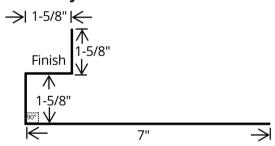
Special Track Cover



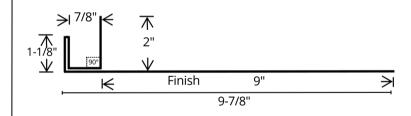
7" OH Door w/Drip



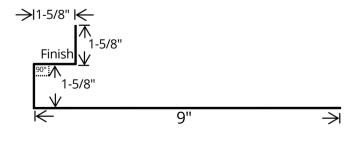
7" Door Jamb Box



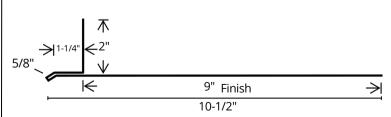
9" OH Door Jamb J



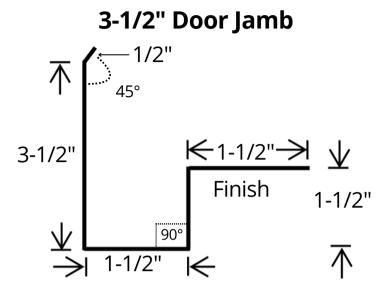
9" Door Jamb Box



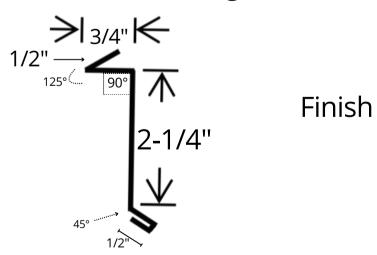
9" OH Door w/Drip



| Track Board Cover | Part No. TBC | Length 10' 5" | 7" OH Door Jamb J | Part No. OJJ7 OJJ7 OJJ7 OJJ7 OJJ7 | Length 10' 5" 12' 6" 14' 5" 16' 5" 18' 5" |
|---------------------|---|--|-------------------|-----------------------------------|--|
| Special Track Cover | Part No. SPC | Length 10' 5" | 7" OH Door w/Drip | Part No. ODD7 ODD7 ODD7 ODD7 ODD7 | Length 10' 5" 12' 5" 14' 5" 16' 5" 18' 5" |
| 7" Door Jamb Box | DJB7 DJB7 DJB7 | Length 10' 5" 12' 5" 14' 5" 16' 5" | 9" OH Door Jamb J | Part No. 0JJ9 0JJ9 0JJ9 0JJ9 0JJ9 | Length 10' 5" 12' 5" 14' 5" 16' 5" 18' 5" |
| 9" Door Jamb Box | Part No DJB9 DJB9 DJB9 DJB9 | 10' 5" 12' 5" 14' 5" 16' 5" 18' 5" | 9" OH Door w/Drip | Part No. ODD9 ODD9 ODD9 ODD9 ODD9 | Length 10' 5" 12' 5" 14' 5" 16' 5" 18' 5" |



Counter Flashing



3-1/2" **Door Jamb**

| Part | No. | Length |
|------|-----|--------|
| _ | | |

DJ3 10' 5"

DJ3 12' 5"

DJ3 14' 5"

DJ3 16' 5"

DJ3 18' 5"

Counter Flashing

Part No. Length

CF

10'5"

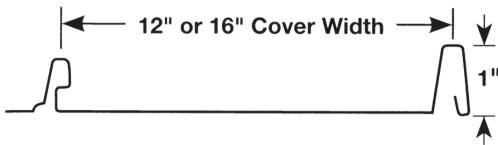


** Each trim line item must indicate closed hem or open hem, which will depend on placement.

IF EXPOSED -THEN CLOSED HEMS

IF HIDDEN -THEN OPEN HEMS

Pleaseindicate whether Trim Installation is HIDDEN fastener system or EXPOSED fastener system.



| SS | Ridge | Cap |
|-----|--------|-----|
| (Hi | p/Ridg | ge) |

Part No. Length SSRI 10'5"

Reverse Ridge & Valley Cap

Part No. Length RRI 10'5"

Ridge Cap

14" Ridge has Stiffening Ribs

Part No. Length

RI 10'5"

RI20 10' 5"

**If Open Hems -No stiffening ribs

SS Rake Trim

Part No. Length SSRT 10'5"

SS Pitch Break

Part No. Length

SSPB 10' 5"

SS Rake Cleat

RakeCleat is to be used only with SS Rake Trim (SSRT)

Part No. Length SSRC 10' 5"

W Valley

Please Specify Pitch

Part No. Length

WV24 10' 5"

WV48 10' 5"

Mini Universal Rake

Must use SS Cleat (SSCL) if Open Hem/Hidden Fastener

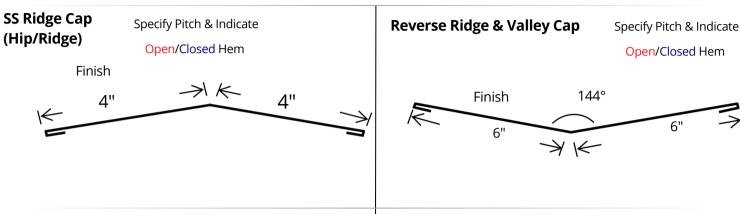
Part No. Length MUR 10' 5"

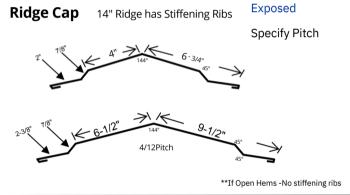
** Each trim line item must indicate closed hem or open hem, which will depend on placement.

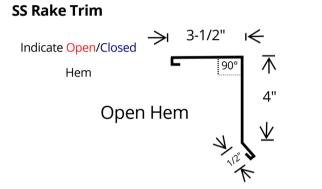
IF EXPOSED -THEN CLOSED HEMS

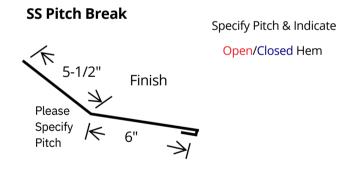
IF HIDDEN -THEN OPEN HEMS

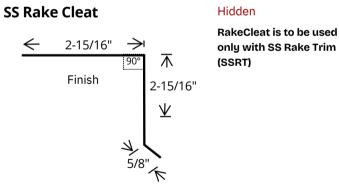
Pleaseindicate whether Trim Installation is HIDDEN fastener system or EXPOSED fastener system.

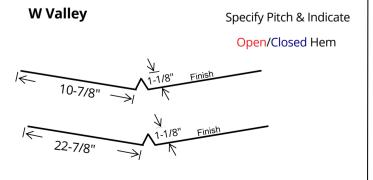


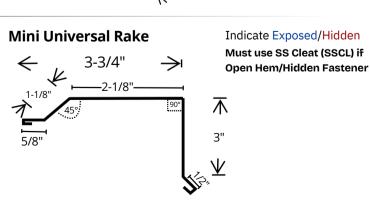


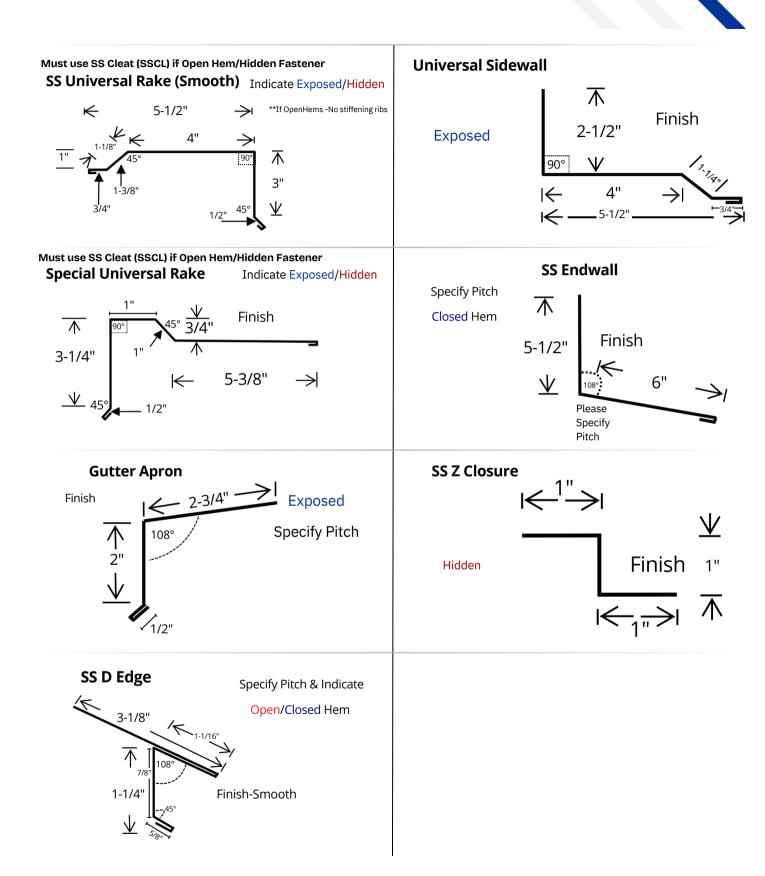












Notes: Copper Metallic & Dark Blue Panels and Trims - add 15%

Notes: Standard Hems are 1/2" - Variable Due to Trim Requirements

| SS Universal Rake (Smo | | | | | |
|-------------------------------|---|---------|------------------------|----------------------------------|-----|
| Part No. Length SSUR 10'5" | Specify Pitch & Indicate Open/Closed Hem | Exposed | Univ Part No. US | ersal Sidewa Length 10' 5" | ıII |

| Special Universal Rake | | Exposed | | SS E | ndwall |
|------------------------|------------------|---------|-----------------------|------------------|------------------|
| Part No. SUR | Length 10' 5" | | Exposed Specify Pitch | Part No. SSEW | Length 10' 5" |

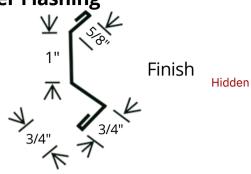
| Gutter Apro | Exposed On Specify Pitch | | SS Z Clo | sure |
|-------------|---------------------------|--------|----------|--------|
| Part No. | Length | Hidden | Part No. | Length |
| GU | 10' 5" | | SSZC | 10' 5" |

SS D Edge

Part No. Length SSDE 10' 5"

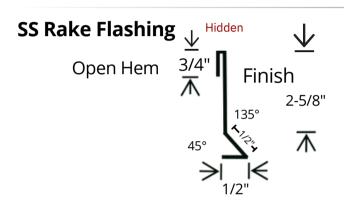
1" SS Flat Cleat

SS Counter Flashing

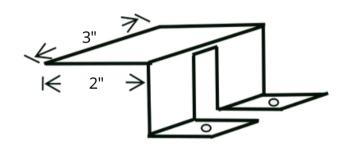


Use w/Rake Flashing and Rake Cleat

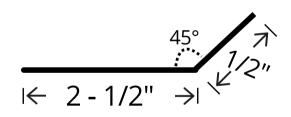
Hidden



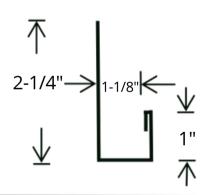
SS Universal Clip (20/Box)



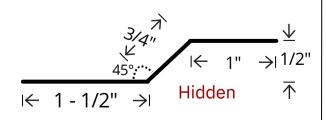
SS Cleat Hidden



SS J Trim



SS Off-Set Cleat



| 1" SS Flat Cleat | SS Counter Flashing |
|--|--|
| Part No. Length SSFC 10' 5" Hidden Use w/Rake Flashing and Rake Cleat | Part No. Length SSCF 10' 5" |
| SS Rake Flashing Hidden Part No. Length SSRF 10' 5" | Part No. SSUC Used with CLOSURE FOAM SS Universal clip provides a large fastening area for any style ridge cap on a standing seam roof. |
| SS Cleat Hidden Part No. Length SSCL 10' 5" | Part No. Length SSJ 10' 5" |
| Part No. Length SSOC 10' 5" | |

Standing Seam Trim Accessories

Wafer Head Hidden Fastener (250/Bag)



Part No. Length
1WSWF 1"
15WSWF 1-1/2"
75SDWF 3/4"
1716SDWF 1-7/16"

Painted Low Profile Torx Fastener (250/Bag)



Part No. Length
15WSLPT 1-1/2"
2WSLPT 2"

1/8" Stainless Steel Painted Rivets (100/Bag)



Part No. Length RIV 3/16"

Standing Seam Drip Edge Hem Tool



Part No. Length SSDET

Roof Snow Stop Color Insert (Specify color)

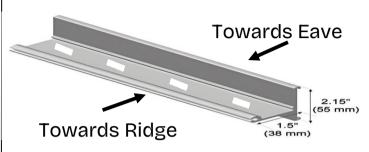


Part No. Length SSRSSINSERT 10' 5"

Roof Snow Stop 8' Prepunched Aluminum Bar 4" O.C.

Special Order

Part No. SSRSSBAR Length 8'



- 1. Attach Clamps on each rib for 8' bar (7 per bar/16" Panel)
- 2. Attach Aluminum Bar with screws on top of clamps
- 3. Attach Clips onto ridge side of bar (6 per bar/1 each pan)
- 4. Slide Color Insert into face plate towards eave

Roof Snow Stop Roof Clamp (7 per bar)

Special Order



Part No. Length SSRSSCLAMP

Roof Snow Stop Snow Clip (6 per bar)

Special Order Part No. SSRSSCLIP Length



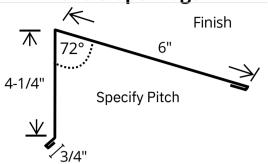


Commercial Trims

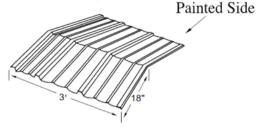


Commercial 28 Gauge Trims

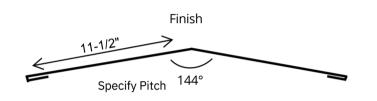
Mono-Slope Ridge



R-Panel Special Formed Ridge Painted Side

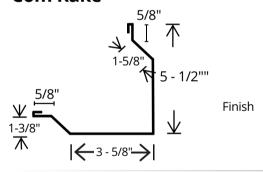


Com Universal Ridge

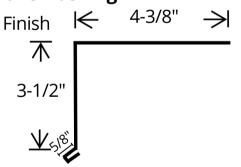


Gable End Cap → 2" ← Ψ 4" 7-1/2"

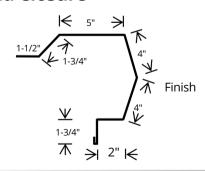
Com Rake



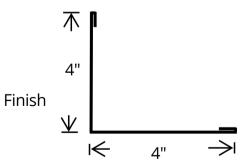
Com Eave Flashing



Gable End Closure



Com Outside Trim



Notes: Copper Metallic & Dark Blue Panels and Trims - add 15% Notes: Standard Hems are 1/2" - Variable Due to Trim Requirements

Commercial 28 Gauge Trims

Mono-Slope Ridge

R-Panel Special Formed Ridge

Part No. Length MSRI 10'5" Part No. Length RPXXRF2690 36"

Com Universal Ridge

Gable End Cap

Part No. Length COMURI10 10' 5" COMURI20 20' 5"

Part No. Length GABCA

Com Rake

Part No. Length

COMRC10 10'5"

COMRC12 12'5"

COMRC14 14'5"

COMOC20 20'5"

Com Eave Flashing

Part No. Length

COMEF10 10'5"

COMEF20 20'5"

Gable End Closure

Part No. Length

GABCL10 10'5"

GABCL20 20' 5"

Com Outside Trim

Part No. Length

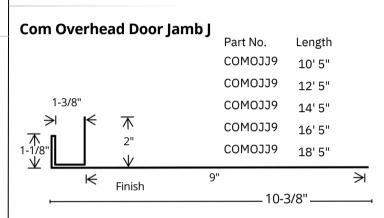
COMOT 10' 5"

Commercial 28 Gauge Trims

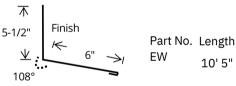
Com Inside Corner Part No. Length COMINRC 10' 5" 1-5/8" Finish 1-5/8" 5-1/2"

Part No. Length **Com Overhead Door** COMODD9 10'5" w/Drip COMODD9 12'5" COMODD9 14' 5" COMODD9 16'5" COMODD9 18'5" $\overline{\rightarrow}$ Finish 10-3/8"-

Part No. Length **Com Universal** COMUS10 10'5" **Sidewall** COMUS20 20'5" $\overline{\Lambda}$ Finish 2-5/8" 1-3/4" \forall .3/8" \leftarrow 5-1/2"

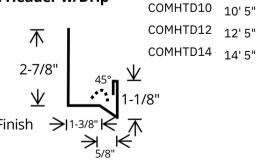


Endwall 本 |





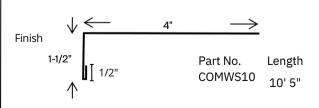
Com Header w/Drip



Part No.

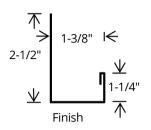
Length

Com Window Sill Trim



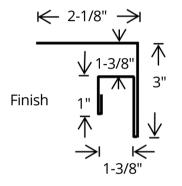
Commercial 28 Gauge Trims

Com Head Trim



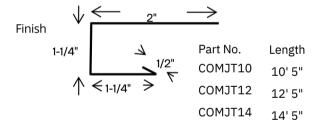
Part No. Length
COMHT10 10'5"
COMHT12 12'5"
COMHT14 14'5"

Com Double J Trim

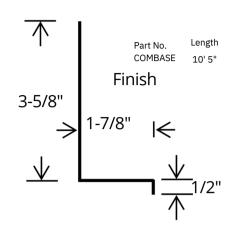


Part No. Length COMDJ 10' 5"

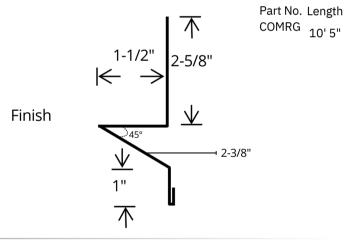
Com Jamb Trim



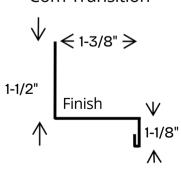
Com Base Closure



Com Rat Guard

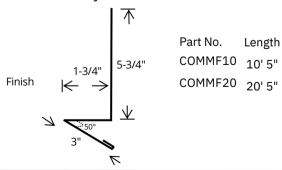


Com Transition



Part No. Length COMTR 10' 5"

Com Masonry Flash

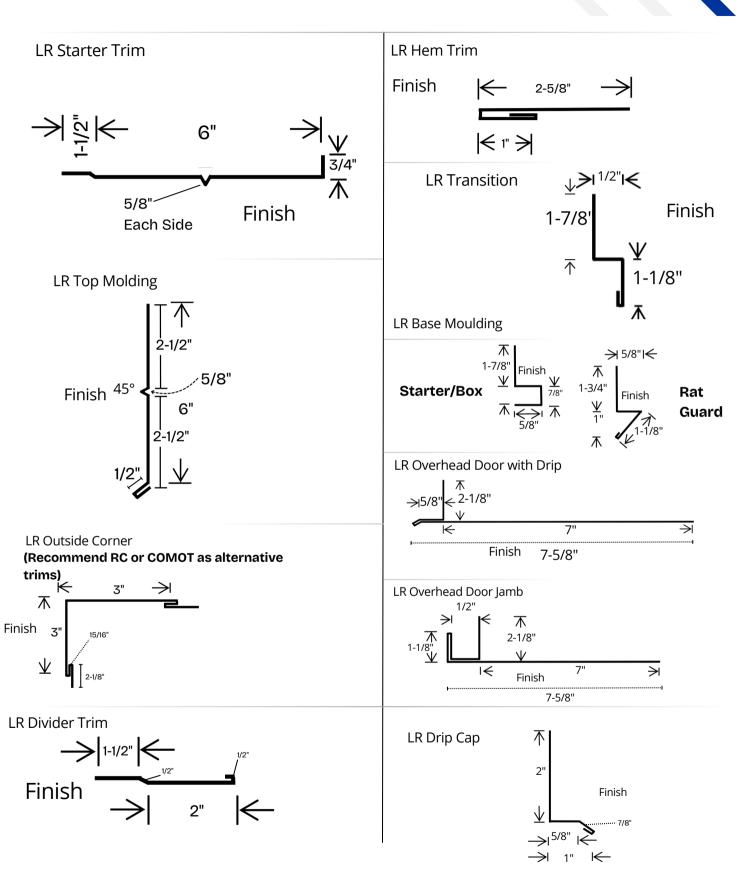




Low Rib Trims



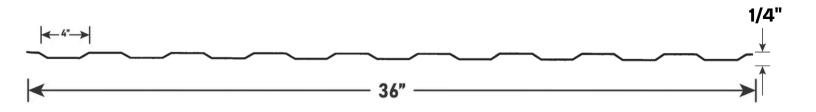
Low Rib 28 Gauge Trims



Notes: Copper Metallic & Dark Blue Panels and Trims - add 15% Notes: Standard Hems are 1/2" - Variable Due to Trim Requirements

Galvanized Trims - Less 10%

Low Rib 28 Gauge Trims

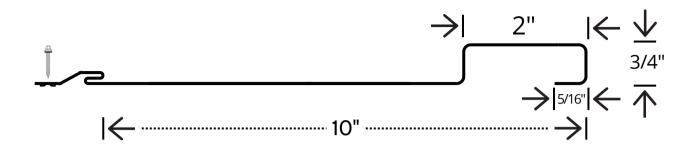


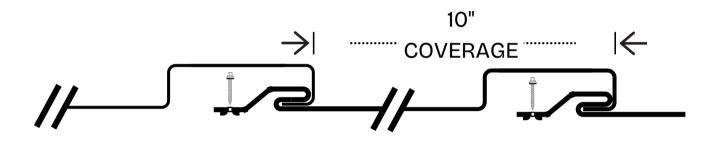
| | - |
|--|---|
| LR Starter Trim Part No. Length LRST 10'5" | LR Transition Part No. Length LRTR 10' 5" |
| LR Top Molding Part No. Length LRTM 10'5" | LR Base Moulding Part No. Length LRSX 10' 5" LRRG 10' 5" |
| LR Outside Corner (RecommendRC or COMOT as alternative trims) Part No. Length LROC 10' 5" | LR Overhead Door with Drip Part No. Length LRODD 10' 5" |
| LR Divider Trim Part No. Length LRDT 10' 5" | LR Overhead Door Jamb Part No. Length LROJJ 10' 5" |
| LR Hem Trim Part No. Length HT 10' 5" | LR Drip Cap Part No. Length LRDC 10' 5" |

Notes: Copper Metallic & Dark Blue Panels and Trims - add 15%



Board and Batton Profile and Trims







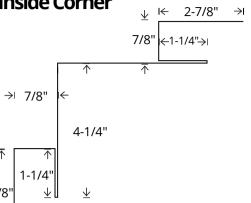


Notes: Copper Metallic & Dark Blue Panels and Trims - add 15%

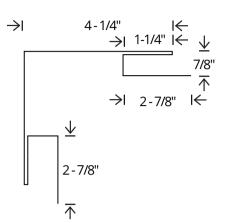
Galvanized Trims - Less 10%

Board and Batton Trims

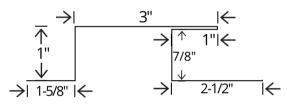
Inside Corner



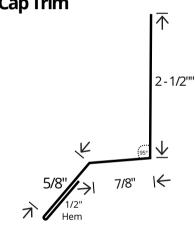
Outside Corner



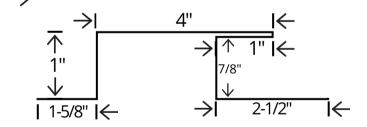
3" Band Board



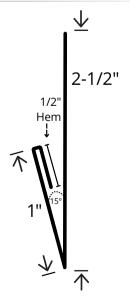
Window Cap Trim



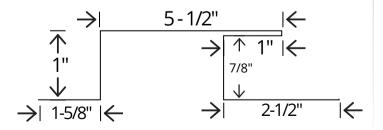
4" Band Board



Hem Trim



5.5" Band Board



Notes: Copper Metallic & Dark Blue Panels and Trims - add 15%

Galvanized Trims - Less 10%

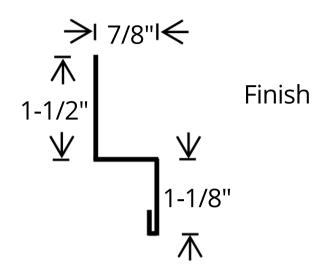
Board and Batten Trims

| Inside Corne | er | Outside Corn | er |
|---|------------------|------------------|--------|
| Part No. BBIC | Length 10' 5" | Part No. | Length |
| 3" Band Board | d | BBOC | |
| Part No. BB3BB | Length 10' 5" | | |
| | | Window Cap | Trim |
| 4" Band Boa Part No. BB4BB | | Part No. BBWC | _ |
| 5.5" Band Boa | aud. | Hem Trim | |
| 5.5 Banu 60e | aru | пентин | |
| Part No. BB5BB | Length 10' 5" | Part No. BBHT | _ |

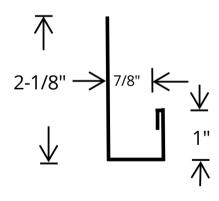
Board and Batton Profile and Trims

Base Mouldings

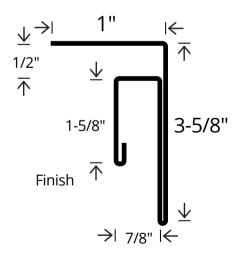
Transition - 7/8"



J Trim



Soffit Starter



Notes: Copper Metallic & Dark Blue Panels and Trims - add 15%

Galvanized Trims - Less 10%

Board and Batten Trims

Base Mouldings

Starter/Box Rat Guard

Part No. Length

SX 10'5"

RG 10'5"

Transition - 7/8"

Part No. Length TR78

10'5"

J Trim

Part No. Length
J12 (1/2")
10' 5"
J7810
10' 5"
J7812
12' 5"

Soffit Starter

Part No. Length SOFS 10' 5"

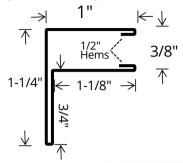


DS Residential Products



DSResidential Products

3/8" F-Trim (Aluminum)

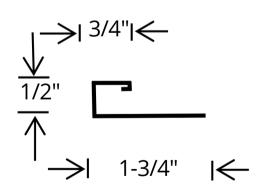


5-3/4" Wood Grain Aluminum

Mitre Divider Moulding (Aluminum)

7-3/4" Wood Grain Aluminum

1/2" J-Channel (Aluminum)



Aluminum Trim Coil 18-3/4" Wide



Notes: Copper Metallic & Dark Blue Panels and Trims - add 15% Notes: Standard Hems are 1/2" - Variable Due to Trim Requirements

DSResidential Products

3/8" F-Trim (Aluminum)

Part No. Length FT38AL12 12'

Mitre Divider Moulding (Aluminum)

Part No. Length SOFDAL12 12'

5-3/4" Wood Grain Aluminum

Part No. Length
Aluminum FA6WAL12 12'
Steel FA6W10 10'5"
Steel FA6W12 12'5"

7-3/4" Wood Grain Aluminum

Part No. Length
Aluminum FA8WAL12 12' 10'
Steel FA8W10 5" 12'
Steel FA8W12 5"

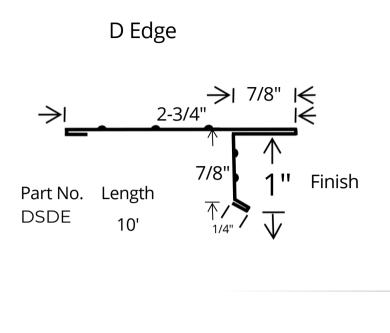
1/2" J-Channel (Aluminum)

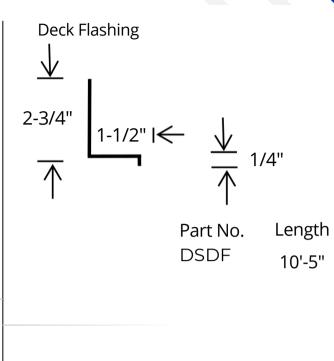
Part No. Length
J12AL12 12'

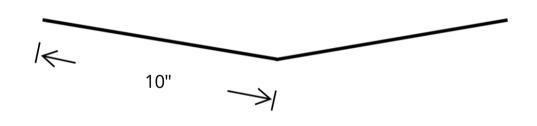
Aluminum Trim Coil 18-3/4" Wide

Part No. Length
DSCOAL25 25' 50'
DSCOAL50

DSResidential Products





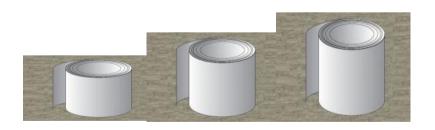


Part No. Length DSV20 10'

| Roll Valley 50' Galvanize | ed |
|---------------------------|----|
|---------------------------|----|

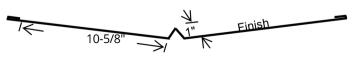
20" Valley (No Hems)

| Part No. | Length |
|----------|--------|
| DSSVF12 | 50' |
| DSSVF16 | 50' |
| DSSFV20 | 50' |
| DSSFV24 | 50' |



| | Part No. | Lengtr |
|---------------------|----------|--------|
| 20" W Valley w/Hems | DSWV20 | 10' |
| 24" W Valley w/Hems | DSWV24 | 10' |





| TAGILINENO | | | | |
|--|---|----------------------------|--|--|
| o/III | #10 x 1" Screws | | | |
| IWS - 1" Metal to Wood Screws | Galvanized - Bag of | 250 | | |
| | Painted - Bag of 250 |) | | |
| | #14 x 1" Screws | | | |
| 1WS14 - 1" Metal to Wood Screws | Painted - Bag of 25 | O (#14 OSB or PLYWOOD) | | |
| | | #10 x 1-1/2" Screws | | |
| 15WS - 1-1/2" Metal | to Wood Screws | Galvanized - Bag of 250 | | |
| -v() | | Painted - Bag of 250 | | |
| ₼ | | #10 x 2" Screws | | |
| 2WS-2" Meta | al to Wood Screws | Galvanized - Bag of 250 | | |
| | | Painted - Bag of 250 | | |
| | | #10 x 2-1/2" Screws | | |
| 25WS- 2-1/2" Me | tal to Wood Screws | Galvanized - Bag of 250 | | |
| | | Painted - Bag of 250 | | |
| | | #10 x 3" Screws | | |
| 3WS - 3" Metal | l to Wood Screws | Galvanized - Bag of 250 | | |
| | | Painted - Bag of 250 | | |
| | | | | |
| | #10 x 1" Stainless S | teel Screws | | |
| 1SSWS - 1" Stainless Steel | Bag of 250 | | | |
| | #10 x 1-1/2" Stainle | ess Steel Screws | | |
| 15SSWS - 1-1/2" Stainless Steel | Bag of 250 | | | |
| | | | | |
| (Special Order) | #10 x 2" Stainless S | teel Screws | | |
| 2SSWS - 2" Stainless Steel | Bag of 250 | | | |
| | | | | |
| | #12x3/4" Stitch Sc | rews Galvanized - Bag of | | |
| 75LS - 3/4" Stitch Screws (1/4" HEAD) | 250Painted - Bag of | f 250 | | |
| | #14×7/8" Mini-Dri | ller Stitch Screws | | |
| 0 | | 250 - Painted - Bag of 250 | | |
| 78LS - 7/8" Stitch Screws (5/16" HEAD) | | | | |
| (=, | Painted Low Profile Torx Fastener (250/Bag) | | | |
| | | _ | | |
| 15WSLPT - 1-1/2" Wood | Painted - Bag of 25 | 0 - Painted - Bag of 250 | | |
| 15 V 5 LF 1 - 1-1/2 V V 00 U | | | | |



2WSLPT- 2" Wood

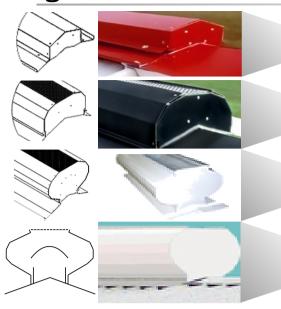
Wafer Head Hidden Fastener Screws (250/Bag)

1WSWF - 1" Wafer Wood Screw 15WSWF - 1-1/2" Wafer Wood Screw 1SDPH - 1" Pancake Self-Drilling Screw 1716SDWF - 1-7/16" Wafer Self-Drill Screw Bag of 250 Bag of 250 Bag of 250 Bag of 250

Self Drillling Screws

| | | #12 x 1" Screws |
|--------------------------------------|-------------------------------------|--------------------------------|
| | 1SD - 1" Metal to Metal Screws | Galvanized - Bag of 250 |
| <u> </u> | | Painted - Bag of 250 |
| | | |
| | | #12 x 1-1/2" Screws |
| | 15SD - 1-1/2" Metal to Metal Screws | Galvanized - Bag of 250 |
| | | Painted - Bag of 250 |
| A | (Special Order) | #12 x 2" Screws |
| | 2SD - 2" Metal to Metal Screws | Galvanized - Bag of 250 |
| | | Painted - Bag of 250 |
| 11/1 | | Stainless Steel Painted Rivets |
| RIV - 3/16" x 1/8" Painted Pop River | | Bag of 100 |
| (For use with PVC and Polycarbo | nate materials) | Bag of 500 |
| -0 | 125OSW - 1-1/4" One-Stepper Screw | White Zinc |
| 125OSZ - 1-1/4" One-Stepper Screw | | Zinc |
| | 2OSZ - 2" One-Stepper Screw | |
| | NUTSET14 | 1/4" Socket Bit |
| Ble | | 5/16" Socket Bit |
| | | |
| All the | NUTSET38 | 3/8" Socket Bit |

Ridge Vents & Closures ~ Drop Ship Charges May Apply



RV100

10' RV100 Ridgevents (5/8" Side Ventilation) *1.04 sq. feet of free area

RV25 - <u>Special Order</u> RV35 - <u>Special Order</u>

10' RV25 Ridgevents (With Top Ventilation)*2.1 sq. feet of free area 10' RV35 Ridgevents (With Top Ventilation)*2.5 sq. feet of free area

RV400 - Special Order

4' RV400 Ridgevents *3 sq feet of free area (Upcharge for Baffle)

RV900 - Special Order

10' RV900 Ridgevents *7.5 sq feet of free area (Upcharge for Baffle)

CLINSR / CLOTSR - Strong Rib Foam Closures

CLINDR / CLOTDR - Dakota Rib Foam Closures

CLINRP / CLOTRP - R-Panel Foam Closures

CLINCR / CLOTCR -Continuous Rib Foam Closures

CLINPR / CLOTPR -Pioneer Rib Foam Closures

CLINQR / CLOTQR -Quad Rib Foam Closures

CLSS32 - 32" Standing Seam Foam Closures (16" Panel)

CLSS36 - 36" Standing Seam Foam Closures (12" Panel)

CLLPSR - Strong Rib - Glued LP Ridge-vents

CLLPDR - Dakota Rib - Glued LP Ridge-vents

CLLPRP - R-Panel - Glued LP Ridge-vents

CLLPPR - Pioneer Rib - Glued LP Ridge-vents

CLLPQR - Quad Rib LP Ridge-vents

CLLPSS32 - 32" Standing Seam LP Ridge-vents (16" Panel) -

CLLPSS36 36" Standing Seam LP Ridge-vents (12" Panel)

CLUV - 10' Uni-vent III

Price each

3' Foam-Glue Strip Top/Outer Closures Bottom/Inner Closures





Standing Seam areTop/Outer only

3' LP Ridge-vents Top/Outer Only



Standing Seam areTop/Outer only

Uni-ventIII-DT ®

the universal ventilation system

- Standard 1" x 2" x 10' pieces (10/box)
- Stock one product to match any roof panel configuration
- Apply directly to ridge cap
- Pure Polyurethane Foam
- Vinyl Coating
- UV Stabilized/Fire Retardant
- Continuous Glue Strip



Uni-vent III will conform to virtually any roof panel configuration. It compresses and fills every void between your ridge cap and the roof panel. Factory applied glue strips allow the installer to roll out Uni-vent III and apply it to the ridge cap, even in windy conditions. Then, fasten to vented ridge cap to finish off the installation

RidgeVents & W-Vallery Closures

UNI-SEAL - Valley & Hip Closure Material

CLUS1 - 1 " x 1" 20' Roll Price each

CLUS15 - 1-1/2 " x 1-1/2" 20' Roll Price each

Factory Applied Glue Strip

- -Pure Polyurethane Foam
- -Vinyl Coating
- -UV Stabilized/Fire Retardant
- -Continuous Glue Strip

Valley Application

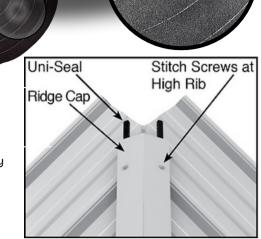
Valley & Hip Applications

-Eliminates the need for angle cut closures

Hip Application

-For Hip Application, apply the Uni-Seal approximately 1/2" from edge of ridge cap and fasten through the high rib with stitch screws

-Apply Uni-Seal in valley approximately 1/2" from the edge of roofing. Width of valley and roofing fasteneres per the manufacturers instructions



EMSEAL AST Hi-Acrylic

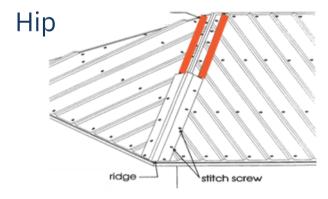
CLEM1 - 1" x 1" 20' Roll Price each

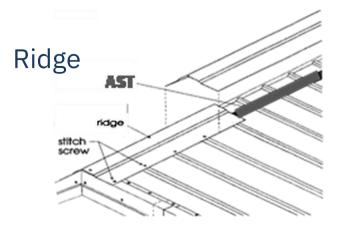
Higher levels of compression offer greater protection

* Watertight up to 5 PSF per ASTM E-331 modified to run 24 hours instead of standard 15 minutes. This equates to a 1-inch standing head of water for 24 hours without leakage.

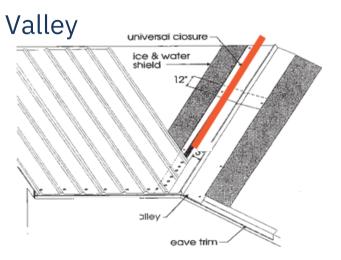
Compression Levels











RidgeVents & W-Vallery Closures

Coil Stock

Custom Width and Lengths Available - 28 Gauge

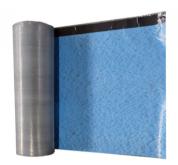


Flat Stock

Width 48" Length 10' 28 Gauge

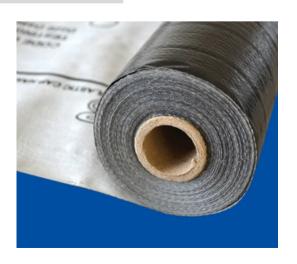
HydraShield Ice & Water Shield (240 Degrees)

ICEANDWATER3667 - 36" x 67'



HydrashellSynthetic Roofing Underlayment

UNDERLAYMENT40300 - 40" x 300'



Miscellaneous Accessories

Paint

PAINT - Touch Up Pen PAINTBOTTLE

- Bottle with Cap Brush 2 oz





Snow Guards (Clear in Stock)

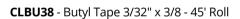
SNOWG-POLARBLOCK

3" x 3" x 5"

Black Red Hi Temp

Metal Roof Polymer Sealant

CAULKCLEAR CAULKWHITE



CLBU34 - Butyl Tape 3/32" x 3/4 - 50' Roll





RF3 / RF3HT - #3 1/4" - 5"

4-1/4" - 7-3/4" **RF5 / RF5HT** - #5

RF8 / RF8HT - #8 7" - 13"

RF9 / RF9HT - #9 9" - 19"





RFSB1S - SPLIT BOOT SQUARE 1/2" - 4"

RFSB2S/RFSB2HTS -SPLIT BOOT SQUARE 4" - 9-1/4"

RFSB3S - SPLIT BOOT SQUARE 9-1/4" - 16-1/4"

MWI Weathervanes

Special Order Weathervanes

Louvers and/or Window **Optional Base Trims:**



Available Sizes 24" 36" 48"

Universal Base *Base Flash Kit (4/12)







Use on 24" cupolas only

24" Horse

24" Rooster

24" Country Doctor

Use on any cupolas



30" Eagle



30" Horse



30" No Ornament



30" Pheasant



30" Pig



30" Rooster



30" Antique Auto



30" Buck



30" Country Doctor



30" Cow



30" Eagle



46" Eagle



46" Horse



Use on 48" cupolas or larger

46" weathervanes are 3-D/full-bodied

46" Rooster

MWI Weathervanes (Cont.)

30" Special Order Weathervanes



Recommended Sizes

| CUPOLA SIZE | 24" | 36" | 48" | 66" | 48" Octagon |
|--------------|------------|-----|-----|---------------|---------------|
| WEATHERVANE* | 24" or 30" | 30" | 46" | 46" or Larger | 46" or Larger |

2200 Series

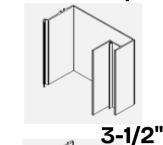
All Colors Available (In Stock is White)

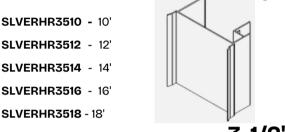
Box Track w/ Bracket - Galvanized 1-1/2" **SLBOX1510** - 10' SLBOX1512 - 12' SLVERSR3514 - 14' SLBOX1514 - 14' SLVERSR3516 - 16' **SLBOX1516** - 16' SLVERSR3518 - 18' SLBOX1518 - 18' Vertical Side Rail 1-1/2" SLVERSR1510 - 10' SLVERSR1512 - 12' SLVERSR1514 - 14' SLVERSR1516 - 16' SLVERSR1518 - 18' Vertical Rail w/ H-Closure 1-1/2" **SLVERHR1510 - 10' SLVERHR1512** - 12' **SLVERHR1514** - 14' **SLVERHR1516** - 16' **SLVERHR1518** - 18' Bottom Stay Rail (Use with TBSG Bottom Stay Guide) **SLBOTSR1510** - 10' **SLBOTSR1512 - 12' SLBOTSR1514** - 14' **SLBOTSR1516** - 16' **SLBOTSR1518** - 18' TBS Girts - Galvanized 1-1/2"x3-1/2" SLBC **SLGIR10** - 10' SLBC **SLGIR12** - 12' SLBC **SLGIR14** - 14' SLBC **SLGIR16** - 16' SLBC **SLGIR18** - 18' SPECIAL ORDER Bottom Rail (3-1/2" Use SLBOTSR35) 1-1/2" SLBOTR1510 - 10' SLBOTR1512 - 12' SLBOTR1514 - 14' **SLBOTR1516** - 16'

SLBOTR1518 - 18'

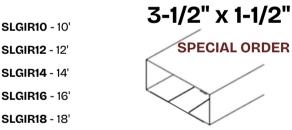


3300 Series





3-1/2" SLBOTSR3510 - 10' SLBOTSR3512 - 12' SLBOTSR3514 - 14' SLBOTSR3516 - 16' **SLBOTSR3518** - 18'



| G Bottom Stay Guide 1-1/2" or 3-1/2" | | | |
|--------------------------------------|---|--|--|
| OTSG6 - 6' | Guide should be more than 1/2 the width of door | | |
| OTSG8 - 8' | | | |
| OTSG10 - 10' | | | |
| OTSG14 - 14' | | | |
| OTSG16 - 16' | | | |
| | | | |

Sliding Door Accessories

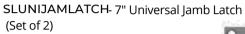
SLTSA9 - 9-1/2" Adjustable Square Track Trolley Hanger (Set of 2)



SLTR9 - 9-1/2" Round Track Trolley Hanger (Set of 2)



ForLarger Doors Add Extra Sets





SLDOORPULL- 8" White Door Pull



Universal HookUp to to 7"

SLCENLATCH- Center Latch (Bi-Parting Doors)



SLHDSTAYROLL- Heavy Duty Stay Roller



SLCENCHLOCK- Center Chain Lock



SLCDG15 - 1-1/2" Center Door Guide



SLHDADJDRSTOP Heavy Duty Adjustable Door Stop



SLCDG35 - 3-1/2" Center Door Guide



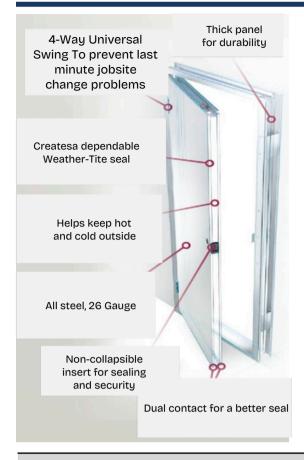
Up to 4-1/4" Door Thickness





Universal Stop for any door thickness

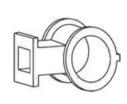
Commercial Doors -Harvard Products Inc.

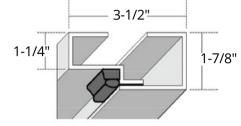


Full 1-3/4" thick (R-12) fully insulated panel Prehung 4 way universal swing 26 Ga. steel door skins Available in white Three fixed-pin Stainless Steel hinges with reinforced plates 3 1/2" - 16 Ga. pre-finished steel frame

Nylon lockset

insert





16 Ga. Steel Frame

OPTIONS

Call for color availability Windows Plain or 9 Lite Dead bolt lockset Door closer Double door with astragal 24 Ga. steel door skins 1/2" Threshold meets handicap specifications

DHCOM 1KD Satin Chrome Finish, Commercial Lever-Lock, Cylindrical Lockset Grade 2

DHLL2KA/KD Satin Chrome Finish, Heavy Duty Lever-Lock, Tubular Lockset Grade 2

DHLL2PA- Satin Chrome Finish, Heavy Duty Passage Lever Grade 2

DHKB3- Satin Chrome Finish, Keyed or Passage Standard Knob Lockset Grade 3



Shur-Latch ~ Stainless Steel (Special Order)
SHURLATCH-MDI







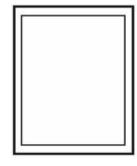
Windows & Accessories (Special Order)

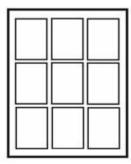
Window Kits For Doors

22" x 30" 1 Lite Window

22" x 30" 9 Lite Window

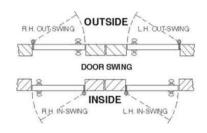
16" x 16" 1 Lite Window

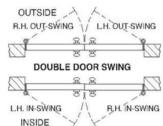




Commercial Doors -Harvard Products Inc.

SS Hinges. 16 ga. pre-painted steel jambs. 26 ga pre-painted door panel. Universal 4-way swing. Nylon lockset insert. Three fixed stainless steel pin hinges. Adjustable strike plate. Actual Unit Size is 38-5/8"x80-5/8".





| AS3 | 21 | /Ry | 6/8 | D_{C} | ors | |
|-----|----|-----|-----|---------|-----|--|
| | | | | | | |

AS32868 - No Window AS328681616 - 16" x 16" 1Lite Window AS328682230 - 22" x 30" 1 Lite Window AS3286822309L - 22" x 30" 9 Lite Window

Actual Size for 2/8 door 34-5/8" x 80-5/8" Rough Opening 35" x 81"

Special Order Special Order Special Order

AS3 3/0x6/8 Doors

AS33068 - No Window
AS330681616 - 16" x 16" 1Lite Window
AS330682230 - 22" x 30" 1 Lite Window
AS3306822309L - 22" x 30" 9 Lite Window

Actual Size for 3/0 door 38-5/8" x 80-5/8"

Rough Opening 39" x 81"

AS3 4/0x6/8 Doors

AS34068 - No Window - In Stock **AS340681616** - 16" x 16" 1Lite Window **AS340682230** - 22" x 30" 1 Lite Window **AS3406822309L** - 22" x 30" 9 Lite Window

Actual Size for 4/0 door

48-5/8" x 80-5/8"

Rough Opening 49" x 81'

Special Order Special Order

Special Order

AS3 6/0x6/8 Doors

AS36068DD - No Window
AS3606822301 - 1-22" x 30" 1 Lite Window
AS3606822309L1 - 1-22" x 30" 9 Lite Window
AS3606822302 - 2-22" x 30" 1 Lite Window

AS36068223029L - 2-22" x 30" 9 Lite Window

Actual Size for 6/0 door

74-7/8"x81-3/8"

Rough Opening 75-1/4" x 81-5/8"

6/0 doors with one window specify on what panel you want the window.

Special Order Special Order

Special Order Special Order

. Special Order

Upswing Doors (For load-outs)

AS32868US - 2/8x6/8 Door **AS33068US** - 3/0x6/8 Door Special Order

Special Order

AS34068US - 4/0x6/8 Door

Special Order

T-8 3/0x6/8 Thermal Door

AS3T83068 - No Window

AS3T830682230 - 22" x 30" 1 Lite Window

AS3T8306822309L - 22" x 30" 9 Lite Window

Actual Size 38-5/8" x 80-5/8"

Special Order
Special Order

Special Order

T-8 4/0x6/8 Thermal Door

AS3T84068 - No Window

AS3T840682230 - 22" x 30" 1 Lite

Window AS3T8406822309L - 22" x 30"

9 Lite Window

Full thermal break of jambs, header/threshold and panel. SS Hinges. 16 ga. pre-painted steel jambs. 24 gauge pre-painted door panel. Full perimeter weather stripping. Universal 4-way swing. Nylon lockset insert. Three fixed stainless steel pin hinges. Adjustable strike plate. Actual Unit Size is 38-5/8"x80-5/8".

Special Order Special Order Special Order

Stainless Steel Doors - Sharp Industries Inc.



Specify 2x4 or 2x6 Wall Flange Mount or Flangeless Frame Call for Price and Custom Sizes 3068SS 4068SS 6068SS 16x16 or 22x30 Window

Stainless Steel Doors -Sharp Industries Inc.

FEATURES:

- 100% 304 Stainless Steel
- 1-3/4" thick door with 20 Ga. Skins
- 3-1/2", 16 Ga. stainless steel jambs (2"x4" walls)
- Full perimeter weather-stripping
- Flange built into one side of frame with flange built into trim pieces on other side. Benefit is there is no need to trim after
- 3 stainless steel hinges with bearings, reinforced 12 Ga. stainless steel plates
- · Fully insulated 2-part polyurethane closed cell material injected in door which repels moisture, mold, and bacteria from spreading
- Rough Opening is 2 inches wider and 2 ¼" inches taller than door size. Example - A 36"x80" door will have a R.O. of 38" x 82 1/4"
- Sizes available (all 80" tall) 36", 42", 44", 48"
- Lock pin and D-ring hardware included with door

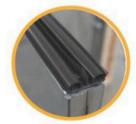
OPTIONS:

- 16" x 16" 1 lite, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space
- 5-1/2", 16 Ga. stainless steel jambs (2"x6" walls)





Stainless Steel Door Hinges



Weather-Stripping

FEATURES:

- Polypropylene Copolymer panel
- 100% 304 Stainless Steel frame, hinges, and panel retainers
- 3-1/2", 16 Ga. Stainless steel jambs (2"x4" walls)
- · Flange built into one side of frame with flange built into trim pieces on the other side. Benefit is there is no need to trim after
- · Four stainless steel hinges with bearings, reinforced 12 Ga. stainless steel plates
- Rough Opening is 2 inches wider and 2 ¼" inches taller than door size. Example - A 36"x80" door will have a R.O. of 38" x 82 ¼"
- Available sizes 24" x 80" and 36" x 80"
- 2 way barbed door seal
- Poly Doors do not have door sweeps

OPTIONS:

- 16" x 16" 1 lite, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space
- 5-1/2", 16 Ga. stainless steel jambs (2"x6" walls)
- Barn latch specifically made for Poly doors



Stainless Steel Door Hinges





Warranty Information

45 Year Limited Paint Warranty

Dakota Steel and Trim is pleased to present to you the following Limited Warranty on our Maxx Shield 45 Siliconized Polyester coil coatings. This warranty is based on the Maxx Shield 45 paint system. This warranty applies if any of the following Warranty Conditions occurs:

- Within 45 years from date of installation, Maxx Shield 45 exhibits cracking, flaking, or peeling (loss of adhesion) to an extent that is apparent on ordinary outdoor visual observation.
- Within 30 years from the date of installation, Maxx Shield 45:
 - Chalks in excess of ASTM D-4214 method A number six (6) rating on horizontally installed (roofing) panels and a number eight (8) rating on vertically installed (sidewall) panels, when properly maintained as described herein, and
 - Changes color more than seven (7.0) Hunter delta-E units on horizontally installed (roofing) panels and five (5.0) Hunter delta-E units on vertically installed (sidewall) panels as determined by ASTM method D-2244. Color changes may not be uniform on surfaces that are not equally exposed to the sun and elements and Dakota Steel does not warranty that color changes will be uniform.

If a Warranty condition occurs and other requirements of this Warranty are met, Dakota Steel and Trim will provide you with the following benefits:

• Replacement of the metal panels showing the Warranty Conditions. The Warranty Benefits shall not exceed the original purchase price of the affected metal panels (not including any accessories or attachments) or the remedy provided in any other warranty provided to the building owner, whichever is less, even if our limited warranty fails of its essential purpose. This Warranty will continue to apply to any metal panels that were replaced due to a Warranty Condition, but only for the unexpired portion of the Warranty period applicable to the original part.

Dakota Steel and Trim cannot control the circumstances of application. Therefore, this Limited Warranty applies only when Maxx Shield 45 coil coatings are properly applied to a properly pre-treated and primed substrate.

To receive Warranty Benefits for Warranty Condition, you must:

- 1. Send written notice of the Warranty Condition within thirty days of the appearance of any detectable defect to Dakota Steel and Trim.
- 2. Provide access to the affected panels and site.
- 3. Assist us as necessary in determining the exact cause of failure.
- 4. Provide such documentation as we shall request to confirm the Warranty Condition, including records sufficient to identify the steel source, production records, and installation records.

Warranty Information

45 Year Limited Paint Warranty

Dakota Steel and Trim is not responsible and provide no Warranty Benefits, for any damage or condition resulting from the circumstances beyond our control, including any of the following:

- Acts of God, falling objects, explosions, fire, external forces or other such similar or dissimilar circumstances beyond control of Dakota Steel and Trim.
- Harmful fumes or foreign substances in the atmosphere, or salt spray.
- Significant differences in insulation below coated metal panel.
- Damages due to moisture entrapment in bundles during storage or which has been stored or installed in such a way that allows standing water on the coating.
- Failures or damage resulting from corrosion at the cut/bare edges.
- Stored/installed in such a way that allows contact with animals or animal waste/confinement facilities.
- Mishandling including abuse, alteration, modification, improper use, or storage.

No warranty is provided on any substrate that is subject to sea spray or installed on property located 1,500 or fewer feet from a salt-water environment.

This warranty applies only to building parts installed on buildings within the Continental United States, Alaska, or Canada. This Warranty will automatically expire upon any change of transfer of ownership of the property on which the panel is originally installed.

This is the only warranty and except for this Warranty, WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED AND DISCLAIM ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. DAKOTA STEEL AND TRIM WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSQUENTIAL DAMAGES. We have no other liability with respect to Maxx Shield 45 Siliconized coil coatings, whether based on warranty, negligence or any other legal theory.

This is the complete warranty. It lists all of Dakota Steel and Trim's obligations regarding steel panels and trims purchased. It is only for your benefit and you may not assign it to any other person or entity. Dakota Steel and Trim makes no warranty to your customers, and is not responsible for any warranty you choose to provide to your customers concerning the performance of Dakota Steel and Trim steel panels and trims. Dakota Steel and Trim may change or discontinue this Warranty by providing you with 30 days advance written notice. Any changes will only apply to Dakota Steel and Trim panels and trims after the notice period expires. This warranty shall be governed by South Dakota law, but not its conflict of law rules.

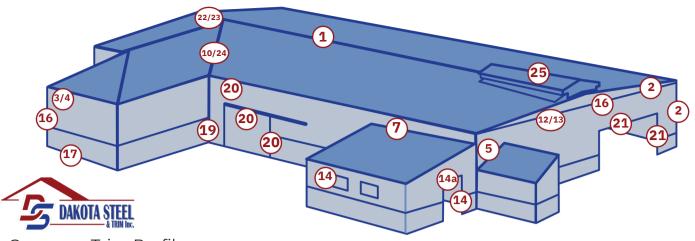
Impact Resistance: Class 4, UL 2218

Fire Test: Class A, UL 790

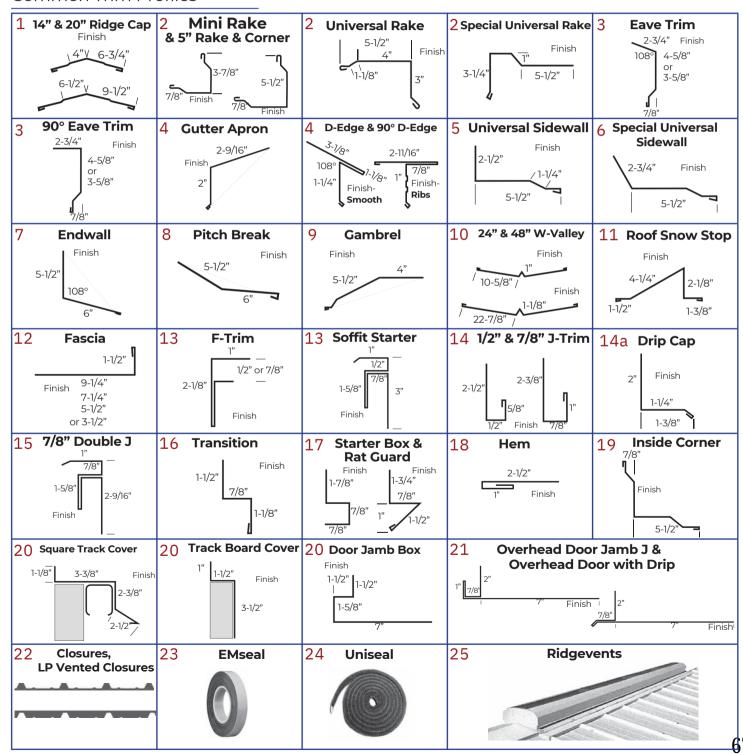
Uplift Resistance: Class 90, UL 580

Snow Load: Per approved engineered design of roof system and geographical location requirements.

Warranty is based on 45 year pro-rated scale subject to review by product experts and manufacturer personnel. Notes: All substrates must be properly pretreated. Results vary by color. Warranty excludes any corrosive or aggressive atmospheres such as those contaminated with exhaust, chemical fumes, salt spray, standing water, contact by or exposure to animals or animal waste, or poorly ventilated applications. Does not cover rust which occurs at breaks or discontinuities in the surface, such as field cut edges; and shall not apply to metal penetration, cut (whether intentional or non-intentional) or shear made at any time after the product is delivered. Dakota Steel and Trim will not be liable for any special, incidental, or consequential damages. Warranties are in accordance with ASTM D3359, ASTM D2794, ASTM D2247, ASTM D659, ASTM D968, and ASTM D4060.



Common Trim Profiles



CONVERTING PITCH TO DEGREE

Use these charts to calculate degrees when designing custom trim. Please specify pitch when ordering.

| CHES | vall, |
|-----------|-----------|
| SLOPE PIT | /e, Endw |
| IGLE SL | cia, Eave |
| SIN | Fascia |

Fie-In, Gutter

RIDGE CAP Pitch Break, Gambrel

LOWER ROOF PITCH (INCHES OF RISE OVER 12" OF RUN)

| 1:12 2:12 3:12 4:12 5:12 6:12 7:12 8:12 9:12 11:12 12:12 13:12 14:12 15:12 16:12 17:12 18:12 13:12 13:12 13:12 14:12 15:12 13:12 14:12 13:12 13:12 14:12 13:12 14:12 13:12 13:12 14:12 13:12 13:12 14:12 13:12 14:12 13:12 14:12 14:12 13:12 14: | | | |
|--|----------------|------|------|
| 8:12 9:12 10:12 11:12 12:12 13:12 14:12 15:12 16:12 17:12 18:12 19:12 20:12 21:12 23:12 24:12 25 | 30:12 pitch | 158° | 43° |
| | 29:12 pitch | 157° | 44° |
| | 28:12 pitch | 156° | 46° |
| | 27:12 pitch | 156° | 47° |
| | 26:12 pitch | 155° | 49° |
| | 25:12 pitch | 154° | 51° |
| | 24:12 pitch | 153° | 53° |
| | 23:12 pitch | 152° | 55° |
| | 22:12 pitch | 151° | 57° |
| | 21:12 pitch | 150° | 59° |
| | 20:12 pitch | 149° | 61° |
| | 19:12 pitch | 147° | 64° |
| | 18:12 pitch | 146° | 67° |
| | 17:12 pitch | 144° | ,0Z |
| | 16:12 pitch | 143° | 73° |
| | 15:12 pitch | 141° | 77° |
| | 14:12 pitch | 139° | 81° |
| | 13:12 pitch | 137° | 82° |
| | 12:12 pitch | 135° | .06 |
| | 11:12 pitch | 132° | 95° |
| | 10:12 pitch | 129° | 100° |
| | 9:12 pitch | 126° | 106° |
| 1:12 2:12 3:12 4:12 5:12 6:12 7:12 pitch 104° 104° 110° 110° 110° 120° 110° 110° 120° 110° 11 | 8:12 pitch | 123° | 113° |
| 1:12 2:12 3:12 4:12 5:12 6:12 pitch pitch pitch pitch pitch pitch pitch 108° 112° 116° 110° 110° 110° 110° 110° 110° 110 | | 120° | 120° |
| 1:12 2:12 3:12 4:12 5:12 pitch pitch pitch pitch pitch pitch 104° 108° 112° 170° 161° 152° 143° 135° | | 116° | 127° |
| 1:12 2:12 3:12 4:12 pitch pitch pitch pitch 108° 94° 99° 104° 108° 170° 161° 152° 143° | | 112° | 135° |
| 1:12 2:12 3:12 pitch pitch pitch 24° 99° 104° 1170° 161° 152° | | 108° | 143° |
| 1:12 2:12 pitch pitch pitch 29° 99° 170° 161° | | 104° | 152° |
| 1:12 pitch 94° | 2:12 pitch | .66 | 161° |
| | 1:12 pitch | 94° | 170° |

Q 5 8 8 8 B B

| | 1:12 | 2:12 | 3:12 | 4:12 | 5:12 | 6:12 | 7:12 | 8:12 | 9:12 | 9:12 10:12 11:12 12:12 | 11:12 | 12:12 | 13:12 | 14:12 | 15:12 | 16:12 | 17:12 | _ |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|-------|-------|-------|-------|-------|-------|-------|---|
| | pitch | pitch | pitch | pitch | pitch | pitch | pitch | pitch | |
| 1:12 pitch | | 175° | 171° | 166° | 162° | 158° | 155° | 151° | 148° | 145° | 142° | 140° | 137° | 135° | 133° | 132° | 130° | |
| 2:12 pitch | 175° | | 175° | 171° | 167° | 163° | 159° | 156° | 153° | 150° | 147° | 144° | 142° | 140° | 138° | 136° | 135° | |
| 3:12 pitch | 171° | 175° | | 176° | 171° | 167° | 164° | 160° | 157° | 154° | 152° | 149° | 147° | 145° | 143° | 141° | 139° | |
| 4:12 pitch | 166° | 171° | 176° | | 176° | 172° | 168° | 165° | 162° | 159° | 156° | 153° | 151° | 149° | 147° | 145° | 144° | |
| 5:12 pitch | 162° | 167° | 171° | 176° | | 176° | 172° | 169° | 166° | 163° | 160° | 158° | 155° | 153° | 151° | 149° | 148° | |
| 6:12 pitch | 158° | 163° | 167° | 172° | 176° | | 176° | 173° | 170° | 167° | 164° | 162° | 159° | 157° | 155° | 153° | 152° | |
| 7:12 pitch | 155° | 159° | 164° | 168° | 172° | 176° | | 177° | 173° | 170° | 168° | 165° | 163° | 161° | 159° | 157° | 155° | |
| 8:12 pitch | 151° | 156° | 160° | 165° | 169° | 173° | 177° | | 177° | 174° | 171° | 169° | 166° | 164° | 162° | 161° | 159° | |
| 9:12 pitch | 148° | 153° | 157° | 162° | 166° | 170° | 173° | 177° | | 177° | 174° | 172° | 170° | 167° | 166° | 164° | 162° | |
| 10:12 pitch | 145° | 150° | 154° | 159° | 163° | 167° | 170° | 174° | 177° | | 177° | 175° | 173° | 170° | 168° | 167° | 165° | |
| 11:12 pitch | 142° | 147° | 152° | 156° | 160° | 164° | 168° | 171° | 174° | 177° | | 178° | 175° | 173° | 171° | 169° | 168° | |
| 12:12 pitch | 140° | 144° | 149° | 153° | 158° | 162° | 165° | 169° | 172° | 175° | 178° | | 178° | 176° | 174° | 172° | 170° | |

UPPER ROOF PITCH (INCHES OF RISE OVER 12" OF RUN)

TRANSITION TRIM

and upper roof pitches. intersects your lower Find the box that

in the gray area, select a If the intersection lands Lower Transition trim.

Upper Transition Trim

Lower Transition Trim

9 6

Slope Factor Chart

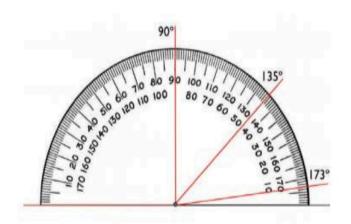
| Running Feet | 1:12 Pitch | 2:12 Pitch | 3:12 Pitch | 4:12 Pitch | 5:12 Pitch | 6:12 Pitch |
|-----------------|------------|------------|------------|------------|------------|-------------|
| 1 | 1' 0" | 1' 0 1/8" | 1' 0 3/8" | 1' 0 5/8" | ין ין" | 1' 1 3/8" |
| 2 | 2' 0 1/8" | 2' 0 3/3" | 2' 0 3/4" | 2' 1 1/4" | 2' 2" | 2' 2 7/8" |
| 3 | 3' 0 1/8" | 3' 0 1/2" | 3' 1 1/8" | 3' 2" | 3' 3" | 3' 4 1/4" |
| 4 | 4' 0 1/8" | 4' 0 5/8" | 4' 1 1/2" | 4' 2 5/8" | 4' 4" | 4' 5 5/8" |
| 5 | 5' 0 1/4" | 5' 0 7/8" | 5' 1 7/8" | 5' 3 1/4" | 5' 5" | 5' 7 1/8" |
| 6 | 6' 0 1/4" | 6' 1" | 6' 2 1/4" | 6' 3 7/8" | 6' 6" | 6' 8 1/2" |
| 7 | 7' 0 1/4" | 7' 1 1/8" | 7' 2 5/8" | 7' 4 1/2" | 7' 7" | 7' 9 7/8" |
| 8 | 8' 0 3/8" | 8' 1 3/8" | 8' 3" | 8' 5 1/4" | 8' 8" | 8' 11 3/8" |
| 9 | 9' 0 3/8" | 9' 1 1/2" | 9' 3 3/8" | 9' 5 7/8" | 9' 9" | 10' 0 3/4" |
| 10 | 10' 0 3/8" | 10' 1 5/8" | 10' 3 3/4" | 10' 6 1/2" | 10' 10" | 11' 2 1/8" |
| 11 | 11' 0 1/2" | 11' 1 7/8" | 11' 4 1/8" | 11' 7 1/8" | יוו יוו" | 12' 3 5/8" |
| 12 | 12' 0 1/2" | 12' 2" | 12' 4 3/8" | 12' 7 3/8" | 13' 0" | 13' 5" |
| 13 | 13' 0 1/2" | 13' 2 1/8" | 13' 4 3/4" | 13' 8 1/2" | 14' 1" | 14' 6 3/8" |
| 14 | 14' 0 5/8" | 14' 2 3/8" | 14' 5 1/8" | 14' 9 1/8" | 15' 2" | 15' 7 7/8" |
| 15 | 15' 0 5/8" | 15' 2 1/2" | 15' 5 1/2" | 15' 9 3/4" | 16' 3" | 16' 9 1/4" |
| 16 | 16' 0 5/8" | 16' 2 5/8" | 16' 5 7/8" | 16'10 3/8" | 17' 4" | 17'10 5/8" |
| 17 | 17' 0 5/8" | 17' 2 7/8" | 17' 6 1/4" | 17' 11" | 18' 5" | 19' 0 1/8" |
| 18 | 18' 0 3/4" | 18' 3" | 18' 6 5/8" | 18'11 5/8" | 19' 6' | 20' 1 1/2" |
| 19 | 19' 0 3/4" | 19' 3 1/8" | 19' 7" | 20' 0 3/8" | 20' 7" | 21' 2 7/8" |
| 20 | 20' 0 7/8" | 20' 3 3/8" | 20' 7 3/8" | 21' 1" | 21' 8" | 22' 4 3/8" |
| 21 | 21' 0 7/8" | 21' 3 1/2" | 21' 7 3/4" | 22' 1 5/8" | 22' 9" | 23' 5 3/4" |
| 22 | 22' 0 7/8" | 22' 3 5/8" | 22' 8 1/8" | 23' 2 1/4" | 23' 10" | 24' 7 1/8" |
| 23 | 23' 1" | 23' 3 3/4" | 23' 8 1/2" | 24' 3" | 24' 11" | 25' 6 3/8" |
| 24 | 24' 1" | 24' 4" | 24' 8 7/8" | 25' 3 5/8" | 26' 0" | 26' 10" |
| 25 | 25' 1" | 25' 4 1/8" | 25' 9 1/4" | 26' 4 1/4" | 27' 1" | 27'11 3/8" |
| 26 | 26' 1 1/8" | 26' 4 1/4" | 26' 9 1/2" | 27' 5" | 28' 2" | 29' 0 3/4" |
| 27 | 27' 1 1/8" | 27' 4 1/2" | 27' 9 7/8" | 28' 5" | 29' 3" | 30' 2 1/4" |
| 28 | 28' 1 1/8" | 28' 4 3/4" | 28'10 1/4" | 29' 6 1/4" | 30' 4" | 31' 3 3/4" |
| 29 | 29' 1 1/4" | 29' 4 7/8" | 29'10 5/8" | 30' 6 7/8" | 31' 5" | 32' 5 1/8" |
| 30 | 30' 1 1/4" | 30' 5" | 30' 11" | 31' 7 1/2" | 32' 6" | 33' 6 1/2" |
| 31 | 31' 1 3/8" | 31' 5 1/8" | 31'11 3/8" | 32' 8 1/8" | 33' 7" | 34' 7 7/8" |
| 32 | 32' 1 3/8" | 32' 5 1/4" | 32'11 3/4" | 33'8 1/8" | 34' 8" | 35' 9 1/4" |
| 33 | 33' 1 1/2" | 33' 5 1/2" | 34' 0 1/8" | 34' 9 3/8" | 35' 9" | 36' 10 3/4" |
| 34 | 34' 1 1/2" | 34' 5 3/4" | 35' 0 1/2" | 35'10" | 36' 10" | 38' 0 1/4" |
| 35 | 35' 1 1/2" | 35' 5 7/8" | 36' 0 7/8" | 36'10 5/8" | 37' 11" | 39' 1 5/8" |

DEGREES OF BEND PER ROOF PITCH

| Fascia, Eav | ve, Endwa∎, Gutter | Hip, Valley | | Ridgecap | |
|-------------|--------------------|-------------|----------------|----------|----------------|
| 1:12 | 94.76 degrees | 1:12 | 173.00 degrees | 1:12 | 170.00 |
| 2:12 | 99.46 degrees | 2:12 | 167.00 degrees | 2:12 | degrees rees |
| 3:12 | 104.04 degrees | 3:12 | 160.00 degrees | 3:12 | 152.00 degrees |
| 4:12 | 108,44 degrees | 4:12 | 154.00 degrees | 4:12 | 143,00 degrees |
| 5:12 | 112.62 degrees | 5:12 | 148.00 degrees | 5:12 | 135.00 degrees |
| 6:12 | 116.57 degrees | 6:12 | 143,00 degrees | 6:12 | 127.00 degrees |
| 7:12 | 120,26 degrees | 7:12 | 138,00 degrees | 7:12 | 120,00 degrees |
| 8:12 | 123.69 degrees | 8:12 | 134.00 degrees | 8:12 | 113.00 degrees |
| 9:12 | 126.87 degrees | 9:12 | 130.00 degrees | 9:12 | 106.00 degrees |
| 10:12 | 129.81 degrees | 10:12 | 126,00 degrees | 10:12 | 100,00 degrees |
| 11:12 | 132,51 degrees | 11:12 | 123.00 degrees | 11:12 | 95,00 degrees |
| 12:12 | 135.00 degrees | 12:12 | 120.00 degrees | 12:12 | 90.00 degrees |

DECIMAL EQUIVALENTS

1/8=0.125 1/4=0.25 3/8=0.375 1/2=0.5 5/8=0.625 3/4=0.75 7/8=0.875



| FLAT AREA MULTIPLIER | 120 |
|-----------------------------|-------------|
| | 12 |
| | 11 |
| Actual Angle of Inclination | 10 |
| Actual Angle of Inclination | ///9 |
| | 8 |
| | 7 6 5 5 5 6 |
| | 6 |
| | 5 |
| | 4 |
| | 3 |
| | 2 |
| | 1 |
| | |
| < 12 Inches | > |

| PITCH | FACTOR |
|-------|--------|
| 2:12 | 1.015 |
| 3:12 | 1.035 |
| 4:12 | 1.055 |
| 5:12 | 1.085 |
| 6:12 | 1.12 |
| 7:12 | 1.16 |
| 8:12 | 1.205 |
| 9:12 | 1.25 |
| 10:12 | 1.305 |
| 11:12 | 1.36 |
| 12:12 | 1.415 |



Q 866-987-9080

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