

# Product Guide



[WWW.DAKOTASTEELANDTRIM.COM](http://WWW.DAKOTASTEELANDTRIM.COM)

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## TERMS & CONDITIONS

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

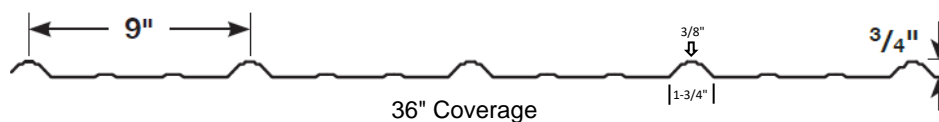
1. Price---Prices are subject to adjustment by Seller in order to conform to Seller's prices in effect at date of shipment. Prices specified may not include any taxes (excise, privilege, occupation, sales, use, or other taxes payable on account), and all such taxes now in effect and/or hereafter levied 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

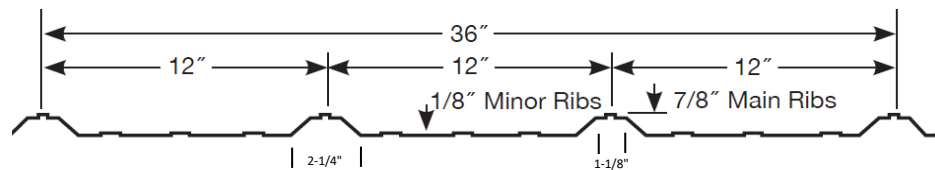
1. Storage---Galvalume, galvanized, and colored steel sheets have a good service life when exposed to normal weather conditions. However, these same sheets are subject to staining when water sits upon or becomes trapped between the sheets. If galvalume, galvanized, or colored sheets are to be stored 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.

# 9 ~ Profiles

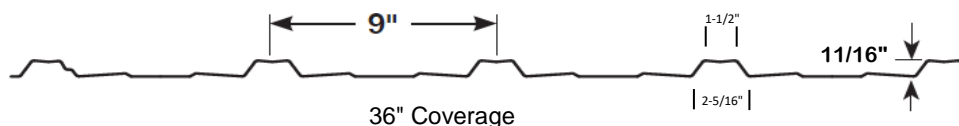
## Strong Rib Panel



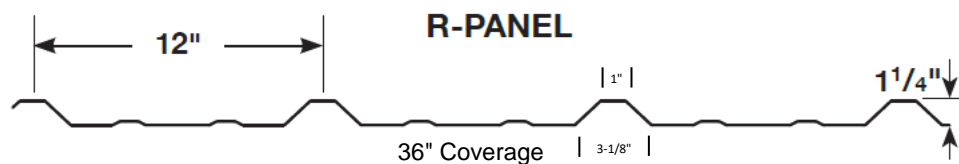
## Quad Rib Panel



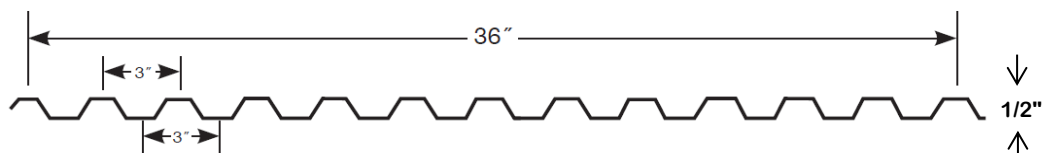
## Dakota Rib Panel



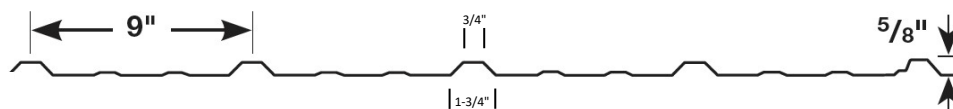
## R-Panel/U-Rib



## Continuous Rib Panel



## Pioneer Rib



## Low Rib Panel



## Standing Seam Panel



With Striations  
"Oil Canning is not a cause for rejection"

# Colors

29 Gauge, 26 Gauge, (Trims 28 Gauge)	SR	PR	QR	DR	RP	CR	LR	SS
<b>Over 26 Colors In Stock</b>	<b>Colors not checked may require special order.</b>							
GA - Bare Galvanized	*	*	*	*	*	*	*	*
GV - Bare Galvalume	*	*	*		*		*	*
KW - Kestrel White	*	*	*	*	*	*	*	*
BW - Bone White	*	*	*	*	*	*	*	*
CI - Cobble Stone Ivory	*	*	*		*	*	*	*
DS - Dakota Sand	*	*	*		*	*	*	*
LS - Light Stone	*	*	*	*	*	*	*	*
RH - Rawhide	*	*	*	*	*	*	*	*
CM - Clay Mist	*	*	*	*	*	*	*	*
AG - Ash Gray	*	*	*	*	*	*	*	*
SG - Smoke Gray	*	*	*	*	*	*	*	*
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 White	*	*	*				*	
Bright White Liner	*	*	*				*	
Perforated Acoustic White Liner								
Colors checked usually stocked and available for WILL CALL production within 48 hours.								

**SR - Strong Rib**  
**PR - Pioneer Rib**  
**QR - Quad Rib**  
**DR - Dakota Rib**  
**RP - R-Panel**  
**CR - Continuous Rib**  
**LR - Low Rib**  
**SS - Standing Seam Panel**



Our steel is painted in State of the Art Facilities in the United States. They offer the best paint finish in the industry.

- ~ Prime Material Only
- ~ DST 45 Year Paint Warranty  
(See your local representative for details)
- ~ Durable Baked-on Finish
- ~ 80,000 Minimum P.S.I.

Painted Galvalume products are NOT available in the following profiles: DR & CR

Direct Job-Site delivery with Forklift available upon request.

\$1.00 Per cut charge for lengths under 36"  
Minimum 36" for Low Rib & Quad Rib

Copper Metallic & Dark Blue - 15% Premium  
Colors ~ Panels & Trims

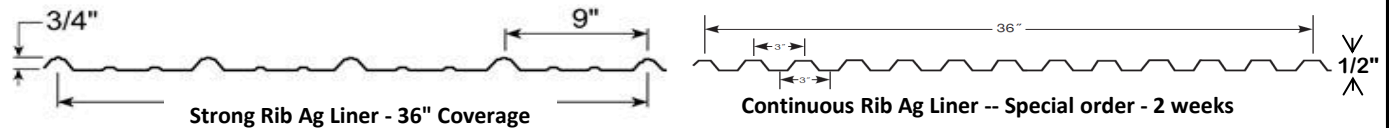


\* Available in 33" Panel

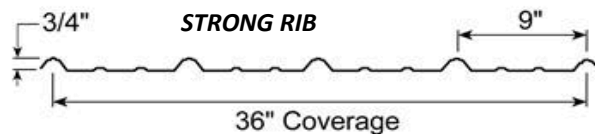
# PVC Material



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

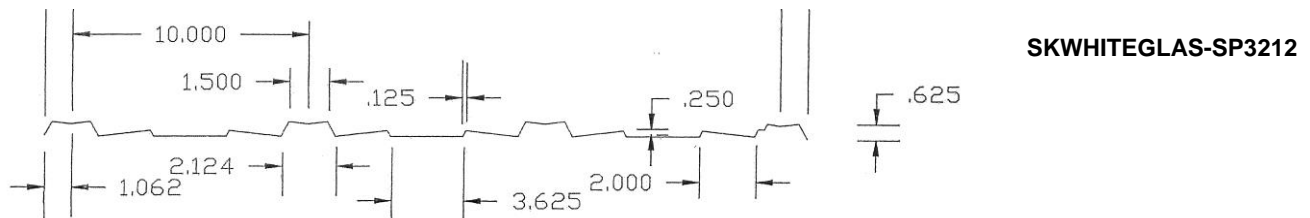


	Part No.	Length	Cost
PVC Ag Panel (special order for custom lengths)	<b>PVCSRLP20</b>	20' 4"	
PVC J-Trim	<b>J7810PVC</b>	10'	
1-1/4" One-Stepper White Painted Screw (500/Bag)	<b>125OSW</b>	1-1/4"	
1-1/4" One-Stepper Zinc Screw (500/Bag)	<b>125OSZ</b>	1-1/4"	
2" One-Stepper Zinc Screw (500/Bag)	<b>20SZ</b>	2"	

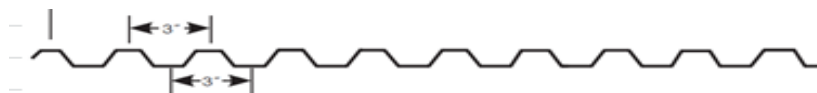


	Part No.	Length	Cost
Polycarbonate Strong Rib Skylight Panels	<b>SKCLEAR8</b>	8'	
Polycarbonate Skylight Panels (Clear-90% ~ Smoke-80% ~ White-70%)	<b>SKCLEAR10</b>	10'	
<i>STRONG RIB WHITE 8' AND 10' are not stocked/Special Order</i>	<b>SKCLEAR12</b>	12'	
<b><u>WHITE IS SPECIAL ORDER</u></b>			
Polycarbonate Skylight Panels (Pioneer Rib and R-Panel CLEAR)	<b>SKCLEAR12XX</b>	12'	
Polycarbonate Skylight Panels (Dakota Rib CLEAR)	<b>SKCLEAR12DR</b>	12'	

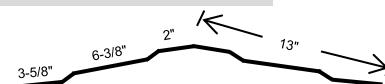
**Special Order - Fiberglass Skylite "Strong Panel" 5 oz, Smooth Translucent White 10" OC, 32" Coverage**



	Part No.	Length	Cost
Clear Continuous Rib Skylite, 12', 36" Coverage	<b>SKCLEARCR12-C</b>	12'	



	Part No.	Length	Cost
24" Ridgelite Ridge Cap (CLEAR, WHITE, SMOKE)	<b>RIL</b>	10' 6"	
1" Ridgelite Support Bracket	<b>RILBK</b>	1"	



Polycarbonate Ridgelite (Clear-90% ~ Smoke-80% ~ White-70%)

# Drip Stop

USE THESE LINKS: <http://www.youtube.com/watch?v=v-MOzfwZEn0>  
<http://dakotasteelandtrim.com/tools/videos/>



## Some Smart Reasons to use DRIPSTOP 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. DRIPSTOP 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 DRIPPING!
  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 necessary.
  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: DRIP STOP REQUIRES VENTILATION/AIR MOVEMENT IN ORDER TO PROVIDE AN ENVIRONMENT FOR EVAPORATION. Without sufficient ventilation, material will become saturated beyond evaporation capacity.



## INSTALLATION INSTRUCTION TECHNICAL DATA

Smoke generation and flame spread - UL723 approved

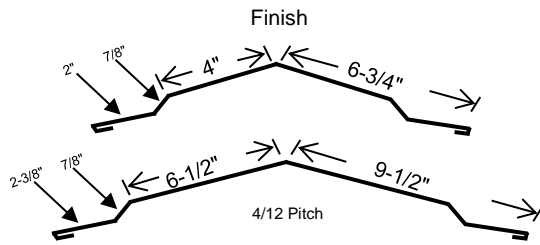
**Capilarity:** Can wick in moisture - that is why it does not go all the way into the lap of the panel. Installer needs to seal the HORIZONTAL OVERLAPS AND EAVE OVERHANG with hot air gun - - - this will fuse the fibers against wicking.

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 ft<sup>2</sup>

# Standard 28 Gauge Trims

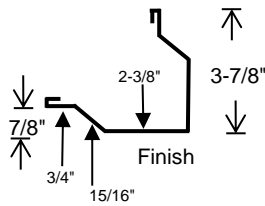
## Ridge Cap (14" With Stiffening Ribs)



DRIP STOP  
DRIP STOP

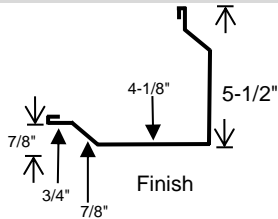
Part No.	Length	Cost Painted
<b>RI</b>	10' 5"	
<b>RI20</b>	10' 5"	
<b>RIDR</b>	10' 5"	
<b>RI20DR</b>	10' 5"	

## Mini-Rake & Corner (With stiffening ribs)



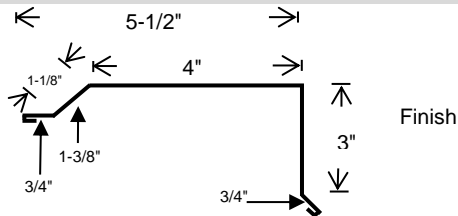
Part No.	Length	Cost Painted
<b>MR10</b>	10' 5"	
<b>MR12</b>	12' 5"	
<b>MR14</b>	14' 5"	
<b>MR16</b>	16' 5"	
<b>MR18</b>	18' 5"	

## Rake & Corner (With stiffening ribs)



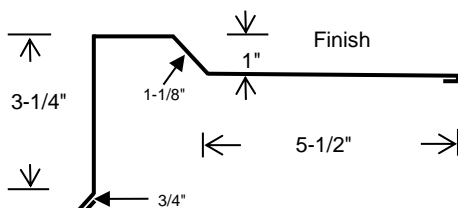
Part No.	Length	Cost Painted
<b>RC10</b>	10' 5"	
<b>RC12</b>	12' 5"	
<b>RC14</b>	14' 5"	
<b>RC16</b>	16' 5"	
<b>RC18</b>	18' 5"	
<b>RC20</b>	20' 5"	

## Universal Rake (With stiffening ribs)



Part No.	Length	Cost Painted
<b>UR</b>	10' 5"	\$0.00

## Special Universal Rake



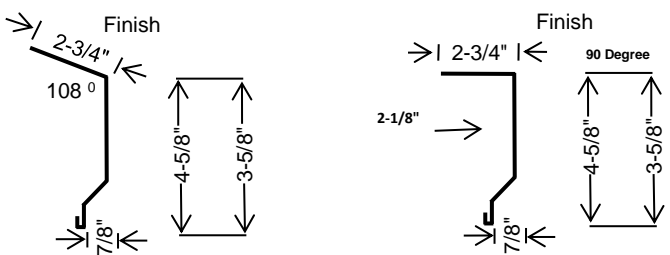
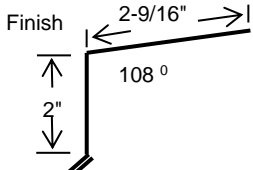
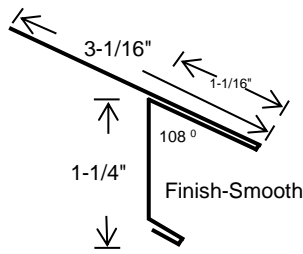
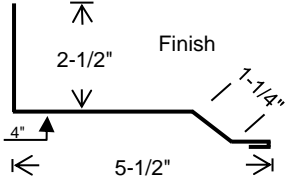
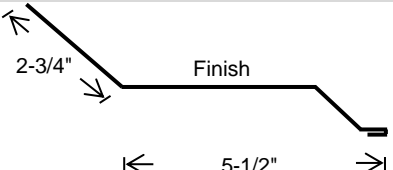
Part No.	Length	Cost Painted
<b>SUR</b>	10' 5"	

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

Galvanized Trims - Less 10%



# Standard 28 Gauge Trims

Eave Trim (With stiffening ribs)		Part No.	Length	Cost Painted
		<b>E3</b>	10' 5"	
		<b>E390</b>	10' 5"	
		<b>E5</b>	10' 5"	
		<b>E590</b>	10' 5"	
Gutter Apron		Part No.	Length	Cost Painted
		<b>GU</b>	10' 5"	
D Edge		Part No.	Length	Cost Painted
		<b>DE</b>	10' 5"	
Universal Sidewall (Gable Wall)		Part No.	Length	Cost Painted
		<b>US</b>	10' 5"	
Special Universal Sidewall	Specify Pitch	Part No.	Length	Cost Painted
		<b>SUS</b>	10' 5"	

# Standard 28 Gauge Trims

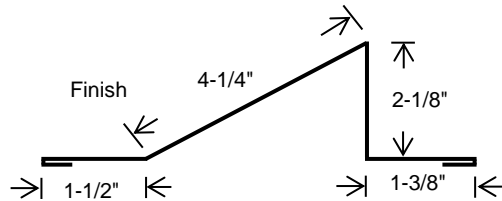
Endwall (Eave Wall)	Specify Pitch	Part No. <b>EW</b>	Length 10' 5"	Cost Painted
Pitch Break	Specify Pitch Changes	Part No. <b>PB</b>	Length 10' 5"	Cost Painted
Gambrel	Specify Pitch Changes	Part No. <b>GB</b>	Length 10' 5"	Cost Painted
W Valley	Specify Pitch	Part No. <b>WV24</b> <b>WV48</b>	Length 10' 5" 10' 5"	Cost Painted
Reverse Ridge & Valley Cap	Specify Pitch	Part No. <b>RRI</b>	Length 10' 5"	Cost Painted
Special Formed Valley	Specify Pitch	Part No. <b>SFV</b>	Length 10' 5"	Cost Painted

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

Galvanized Trims - Less 10%

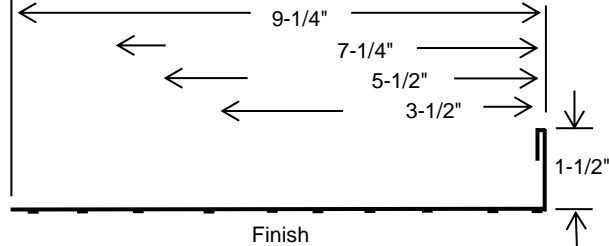
# Standard 28 Gauge Trims & Soffit

Roof Snow Stop



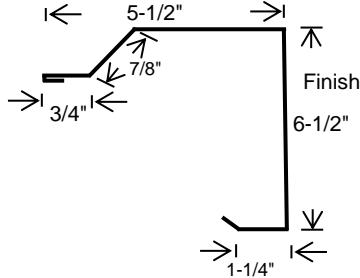
Part No.	Length	Cost Painted
<b>RSS</b>	10' 5"	

Fascia (With stiffening ribs)



Part No.	Length	Cost Painted
<b>FA3</b>	10' 5"	
<b>FA5</b>	10' 5"	
<b>FA7</b>	10' 5"	
<b>FA9</b>	10' 5"	

Box End Fascia



Part No.	Length	Cost Painted
<b>BF</b>	10' 5"	

Steel Soffit Panel (36" Panel Coverage)



Specify Custom Lengths

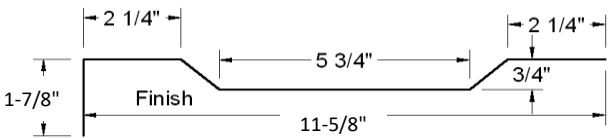
Part No.	Length	Cost Painted
<b>SRXXPE2960</b>	Per LF	
<b>DRXXPE2960</b>	Per LF	

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

Galvanized Trims - Less 10% rev11222

# Commercial Soffit

## Commercial Soffit (Solid or Vented White)

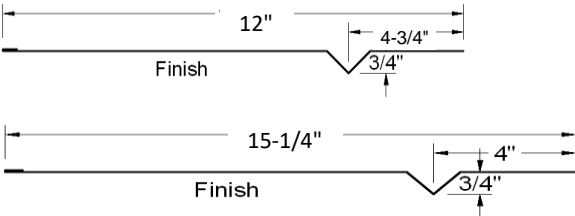


1-7/8" x 2-1/4" x 5-3/4" x 2-1/4" (1/4" Holes OR 3/4" Holes)

\*\*\* Air Flow: 1/4" HOLES - 26.3 square inches / LF 3/4" HOLES - 58.3 square inch / LF \*\*\*

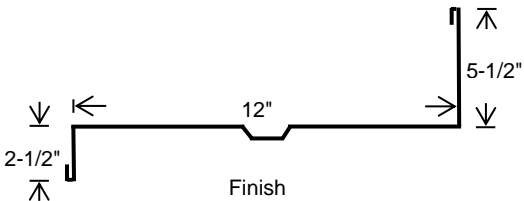
Part No.	Length	Cost Painted
COMSOFFIT	12' 3"	
Vented ONLY in white / Solid all colors		

## Curtain Trim



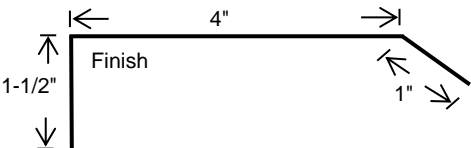
Part No.	Length	Cost Painted
CURTAINTR1212	12' 3"	
CURTAINTR1512	12' 3"	

## Soffit Trim



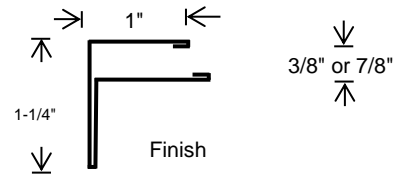
Part No.	Length	Cost Painted
SOFT	10' 5"	

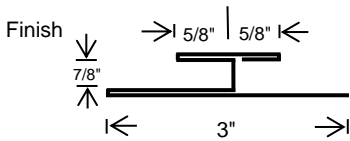
## Soffit Snow Guard

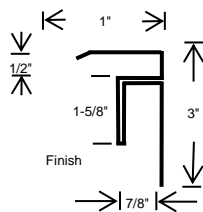


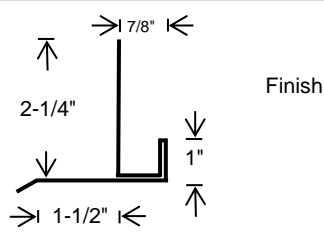
Part No.	Length	Cost Painted
SOFG	12' 3"	

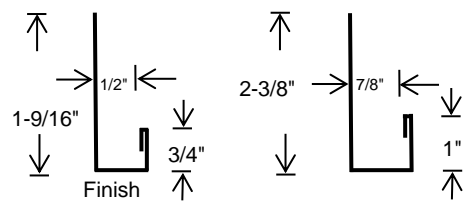
# Standard 28 Gauge Trims

F Trim    3/8" or 7/8"		Part No.	Length	Cost Painted
		FT38	10' 5"	
		FT78	10' 5"	

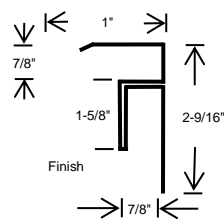
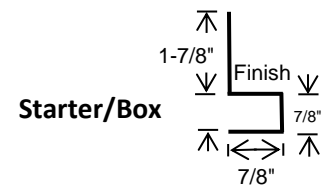
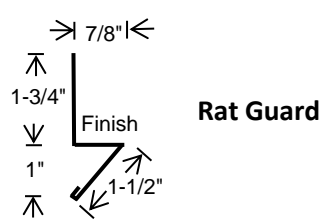
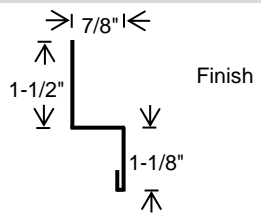
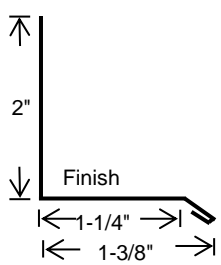
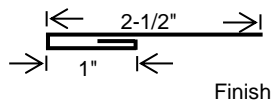
SOFD38 with Residential Products		Part No.	Length	Cost Painted
7/8" Soffit Divider (Mitre Divider Moulding)		SOFD78	10' 5"	
				

Soffit Starter		Part No.	Length	Cost Painted
		SOFS	10' 5"	

Boxed Soffit Trim		Part No.	Length	Cost Painted
		BOXSOF	10' 5"	

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

# Standard 28 Gauge Trims

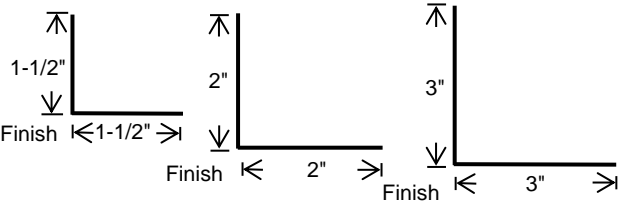
Double J Trim			Part No.	Length	Cost Painted
			DJ78	10' 5"	
			DJ12	10' 5"	
Base Mouldings			Part No.	Length	Cost Painted
<div> <div>  <p>Starter/Box</p> </div> <div>  <p>Rat Guard</p> </div> </div>			SX	10' 5"	
			RG	10' 5"	
Transition - 7/8"			Part No.	Length	Cost Painted
			TR78	10' 5"	
Drip Cap			Part No.	Length	Cost Painted
			DC	10' 5"	
Hem Trim			Part No.	Length	Cost Painted
			HT	10' 5"	

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

Galvanized Trims - Less 10%

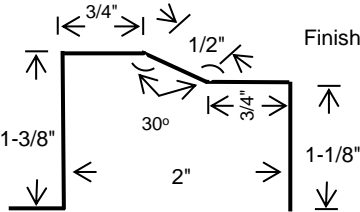
# Standard 28 Gauge Trims

## Angle Flashing



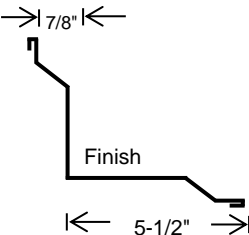
Part No.	Length	Cost Painted
AF15	10' 5"	
AF2	10' 5"	
AF3	10' 5"	

## Brick Mould Trim



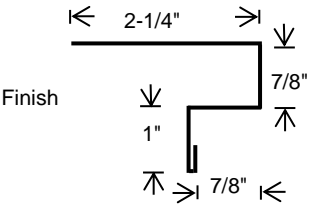
Part No.	Length	Cost Painted
BM	10' 5"	

## Inside Corner



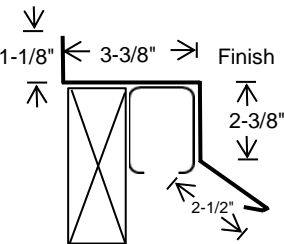
Part No.	Length	Cost Painted
INC	10' 5"	

## Wall & Ceiling Trim



Part No.	Length	Cost Painted
WC	10' 5"	

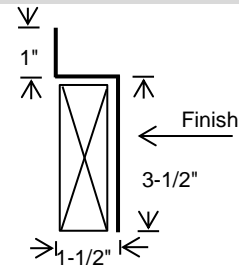
## Square Track Cover



Part No.	Length	Cost Painted
STC	10' 5"	

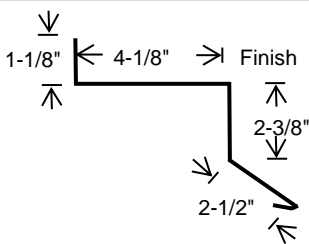
# Standard 28 Gauge Trims

## Track Board Cover



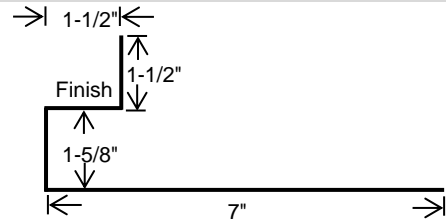
Part No.	Length	Cost Painted
<b>TBC</b>	10' 5"	

## Special Track Cover



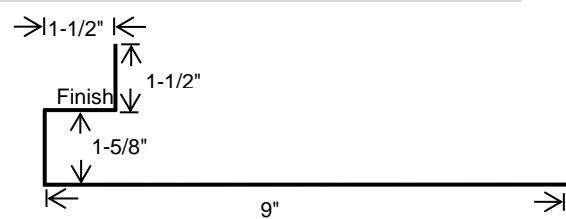
Part No.	Length	Cost Painted
<b>SPC</b>	10' 5"	

## 7" Door Jamb Box



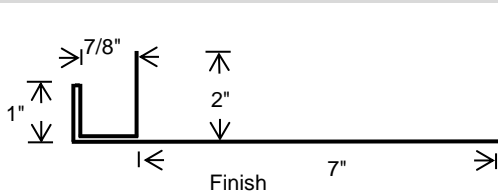
Part No.	Length	Cost Painted
<b>DJB7</b>	10' 5"	
<b>DJB7</b>	12' 5"	
<b>DJB7</b>	14' 5"	
<b>DJB7</b>	16' 5"	
<b>DJB7</b>	18' 5"	

## 9" Door Jamb Box



Part No.	Length	Cost Painted
<b>DJB9</b>	10' 5"	
<b>DJB9</b>	12' 5"	
<b>DJB9</b>	14' 5"	
<b>DJB9</b>	16' 5"	
<b>DJB9</b>	18' 5"	

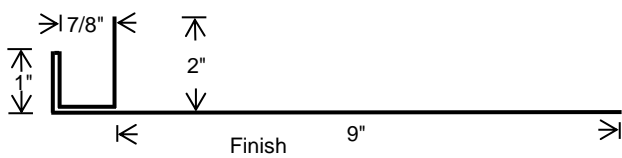
## 7" OH Door Jamb J




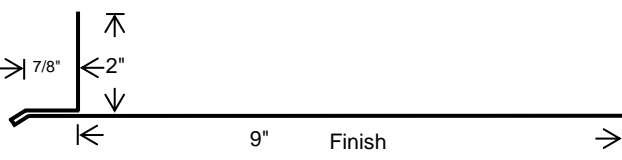
Part No.	Length	Cost Painted
<b>OJJ7</b>	10' 5"	
<b>OJJ7</b>	12' 6"	
<b>OJJ7</b>	14' 5"	
<b>OJJ7</b>	16' 5"	
<b>OJJ7</b>	18' 5"	

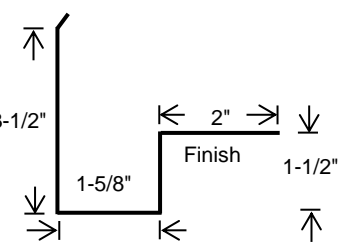


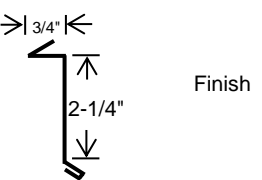
# Standard 28 Gauge Trims

9" OH Door Jamb J	Part No.	Length	Cost Painted
	OJJ9	10' 5"	
	OJJ9	12' 5"	
	OJJ9	14' 5"	
	OJJ9	16' 5"	
	OJJ9	18' 5"	

7" OH Door w/Drip	Part No.	Length	Cost Painted
	ODD7	10' 5"	
	ODD7	12' 5"	
	ODD7	14' 5"	
	ODD7	16' 5"	
	ODD7	18' 5"	

9" OH Door w/Drip	Part No.	Length	Cost Painted
	ODD9	10' 5"	
	ODD9	12' 5"	
	ODD9	14' 5"	
	ODD9	16' 5"	
	ODD9	18' 5"	

3-1/2" Door Jamb	Part No.	Length	Cost Painted
	DJ3	10' 5"	
	DJ3	12' 5"	
	DJ3	14' 5"	
	DJ3	16' 5"	
	DJ3	18' 5"	

Counter Flashing	Part No.	Length	Cost Painted
	CF	10' 5"	


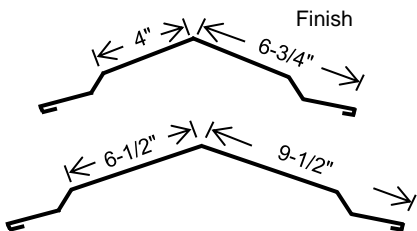
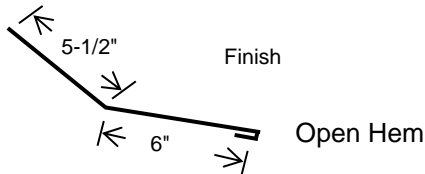
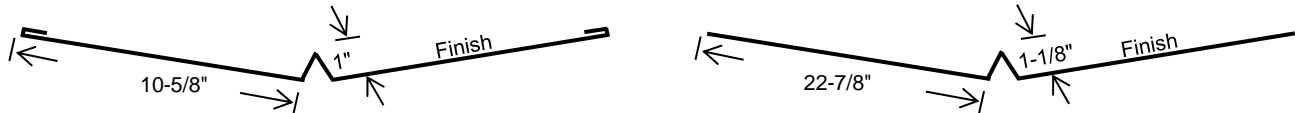

# Standing Seam 28 Gauge Trims

Please indicate whether Trim Installation is **HIDDEN** fastener system or **EXPOSED** fastener system.

**IF EXPOSED - THEN CLOSED HEMS**

**IF HIDDEN - THEN OPEN HEMS**

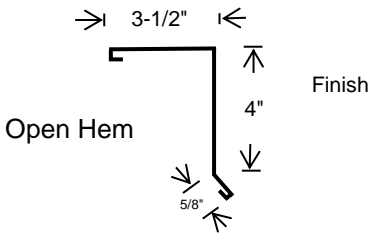
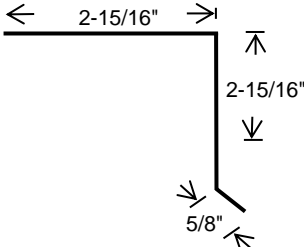
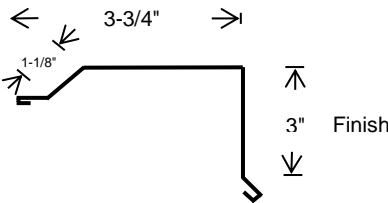
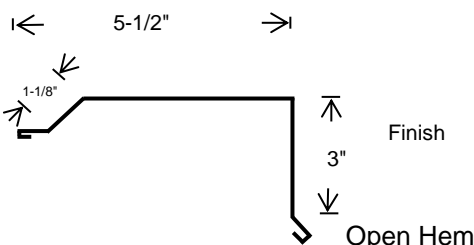
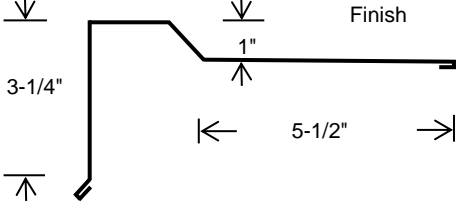
**\*\* Each trim line item must indicate closed hem or open hem, which will depend on placement.**

		Part No.	Length	Cost Painted
SS Ridge Cap (Hip/Ridge)	Exposed	<b>SSRI</b>	10' 5"	
Specify Pitch				
				
Ridge Cap 14" Ridge has Stiffening Ribs	Exposed	<b>RI</b>	10' 5"	
Specify Pitch		<b>RI20</b>	10' 5"	
		**If Open Hems - No stiffening ribs		
SS Pitch Break	Exposed/Hidden	<b>SSPB</b>	10' 5"	
Specify Pitches Changes				
				
W Valley	Exposed/Hidden	<b>WV24</b>	10' 5"	
Specify Pitch		<b>WV48</b>	10' 5"	
				
Reverse Ridge & Valley Cap	Exposed/Hidden	<b>RRI</b>	10' 5"	
Specify Pitch				
				

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

Galvanized Trims - Less 10%

# Standing Seam 28 Gauge Trims

SS Rake Trim	Exposed/Hidden	Part No. <b>SSRT</b>	Length 10' 5"	Cost Painted
				
Rake Cleat is to be used only with SS Rake Trim (SSRT) SS Rake Cleat	Hidden	Part No. <b>SSRC</b>	Length 10' 5"	Cost Painted
				
Must use SS Cleat (SSCL) if Open Hem/Hidden Fastener Mini Universal Rake	Exposed/Hidden	Part No. <b>MUR</b>	Length 10' 5"	Cost Painted
				
Must use SS Cleat (SSCL) if Open Hem/Hidden Fastener SS Universal Rake (Smooth)	Exposed/Hidden	Part No. <b>SSUR</b>	Length 10' 5"	Cost Painted
	**If Open Hems - No stiffening ribs			
Must use SS Cleat (SSCL) if Open Hem/Hidden Fastener Special Universal Rake	Exposed/Hidden	Part No. <b>SUR</b>	Length 10' 5"	Cost Painted
				

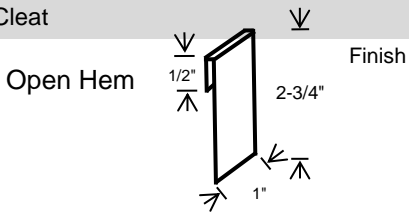
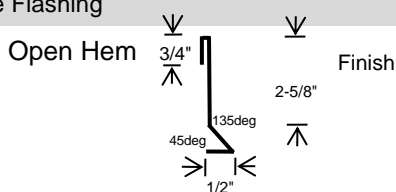
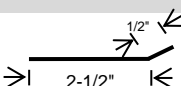
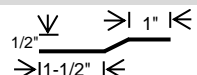
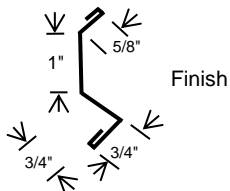
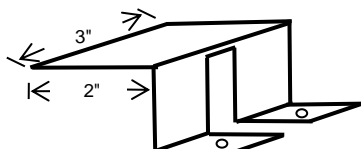
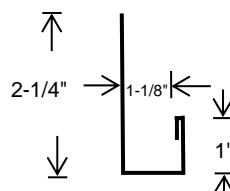
Notes: Copper Metallic & Dark Blue Panels and Trims - add 15%

Galvanized Trims - Less 10%

# Standing Seam 28 Gauge Trims

Gutter Apron	Exposed Specify Pitch	Part No. <b>GU</b>	Length 10' 5"	Cost Painted
SS D Edge	Exposed/Hidden Specify Pitch	Part No. <b>SSDE</b>	Length 10' 5"	Cost Painted
Universal Sidewall	Exposed	Part No. <b>US</b>	Length 10' 5"	Cost Painted
SS Endwall	Exposed Specify Pitch	Part No. <b>SSEW</b>	Length 10' 5"	Cost Painted
SS Z Closure	Hidden	Part No. <b>SSZC</b>	Length 10' 5"	Cost Painted





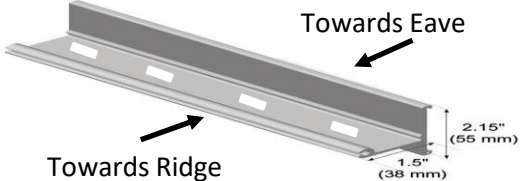

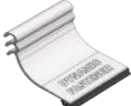
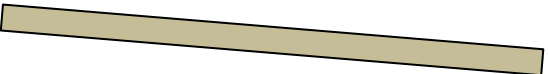
# Standing Seam 28 Gauge Trims

1" SS Flat Cleat		Hidden Use w/Rake Flashing and Rake Cleat	Part No. <b>SSFC</b>	Length 10' 5"	Cost Painted
SS Rake Flashing		Hidden	Part No. <b>SSRF</b>	Length 10' 5"	Cost Painted
SS Cleat		Hidden	Part No. <b>SSCL</b>	Length 10' 5"	Cost Painted
Off-Set Cleat		Hidden	Part No. <b>SSOC</b>	Length 10' 5"	Cost Painted
SS Counter Flashing		Hidden	Part No. <b>SSCF</b>	Length 10' 5"	Cost Painted
SS Universal Clip (20/Box)			Part No. <b>SSUC</b>		
SS J Trim			Part No. <b>SSJ</b>	Length 10' 5"	Cost Painted

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

Galvanized Trims - Less 10%

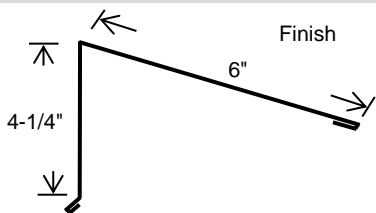
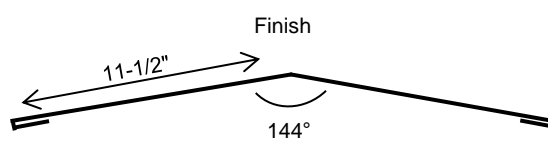
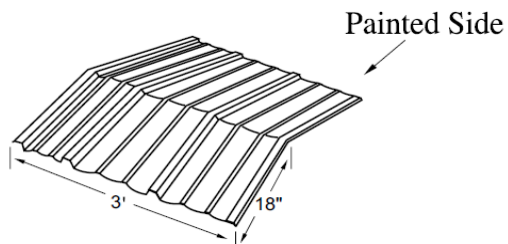
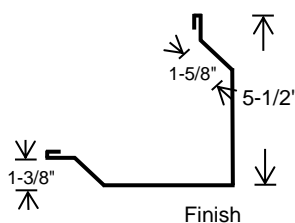
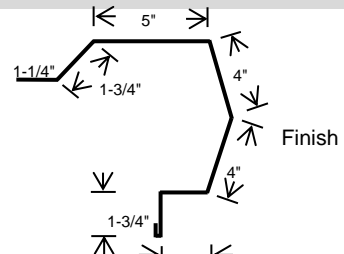
# Standing Seam 28 Gauge Trims

<b>Wafer Head Hidden Fastener (250/Bag)</b>		Part No.	Length	Cost
	(250/Bag)	<b>1WSWF</b>	1"	
		<b>15WSWF</b>	1-1/2"	
		<b>75SDWF</b>	3/4"	
		<b>1716SDWF</b>	1-7/16"	
<b>Painted Low Profile Torx Fastener (250/Bag)</b>		Part No.	Length	Cost Painted
		<b>15WSLPT</b>	1-1/2"	
		<b>2WSLPT</b>	2"	
<b>1/8" Stainless Steel Painted Rivets (100/Bag)</b>		Part No.	Length	Cost Painted
		<b>RIV</b>	3/16"	
<b>Standing Seam Drip Edge Hem Tool</b>		Part No.	Length	Cost Painted
		<b>SSEDET</b>		
<b>Roof Snow Stop 8' Prepunched Aluminum Bar 4" O.C.</b>	<b>Special Order</b>	Part No.	Length	Cost Painted
		<b>SSRSSBAR</b>	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		
<b>Roof Snow Stop Roof Clamp (7 per bar)</b>	<b>Special Order</b>	Part No.	Length	Cost
		<b>SSRSSCLAMP</b>		
<b>Roof Snow Stop Snow Clip (6 per bar)</b>	<b>Special Order</b>	Part No.	Length	Cost Painted
		<b>SSRSSCLIP</b>		
<b>Roof Snow Stop Color Insert (Specify color)</b>		Part No.	Length	Cost Painted
		<b>SSRSSINSERT</b>	10' 5"	

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

Galvanized Trims - Less 10%

# Commercial 28 Gauge Trims

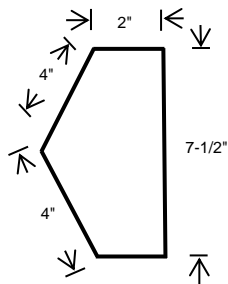
<p><b>Mono-Slope Ridge</b></p> 	<p>Specify Pitch</p>	<table> <tr> <th>Part No.</th><th>Length</th><th>Cost Painted</th></tr> <tr> <td><b>MSRI</b></td><td>10' 5"</td><td></td></tr> </table>	Part No.	Length	Cost Painted	<b>MSRI</b>	10' 5"																
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<b>MSRI</b>	10' 5"																						
<p><b>Com Universal Ridge</b></p> 	<p>Specify Pitch</p>	<table> <tr> <th>Part No.</th><th>Length</th><th>Cost Painted</th></tr> <tr> <td><b>COMURI10</b></td><td>10' 5"</td><td></td></tr> <tr> <td><b>COMURI20</b></td><td>20' 5"</td><td></td></tr> </table>	Part No.	Length	Cost Painted	<b>COMURI10</b>	10' 5"		<b>COMURI20</b>	20' 5"													
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<b>COMURI20</b>	20' 5"																						
<p><b>R-Panel Special Formed Ridge</b></p> 	<p>Specify Pitch</p>	<table> <tr> <th>Part No.</th><th>Length</th><th>Cost Painted</th></tr> <tr> <td><b>RIRF</b></td><td>36"</td><td></td></tr> <tr> <td>RPXXRF2690</td><td></td><td></td></tr> </table>	Part No.	Length	Cost Painted	<b>RIRF</b>	36"		RPXXRF2690														
Part No.	Length	Cost Painted																					
<b>RIRF</b>	36"																						
RPXXRF2690																							
<p><b>Com Rake</b></p> 		<table> <tr> <th>Part No.</th><th>Length</th><th>Cost Painted</th></tr> <tr> <td><b>COMRC10</b></td><td>10' 5"</td><td></td></tr> <tr> <td><b>COMRC12</b></td><td>12' 5"</td><td></td></tr> <tr> <td><b>COMRC14</b></td><td>14' 5"</td><td></td></tr> <tr> <td><b>COMRC16</b></td><td>16' 5"</td><td></td></tr> <tr> <td><b>COMRC18</b></td><td>18' 5"</td><td></td></tr> <tr> <td><b>COMOC20</b></td><td>20' 5"</td><td></td></tr> </table>	Part No.	Length	Cost Painted	<b>COMRC10</b>	10' 5"		<b>COMRC12</b>	12' 5"		<b>COMRC14</b>	14' 5"		<b>COMRC16</b>	16' 5"		<b>COMRC18</b>	18' 5"		<b>COMOC20</b>	20' 5"	
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<b>COMOC20</b>	20' 5"																						
<p><b>Gable End Closure</b></p> 		<table> <tr> <th>Part No.</th><th>Length</th><th>Cost Painted</th></tr> <tr> <td><b>GABCL10</b></td><td>10' 5"</td><td></td></tr> <tr> <td><b>GABCL20</b></td><td>20' 5"</td><td></td></tr> </table>	Part No.	Length	Cost Painted	<b>GABCL10</b>	10' 5"		<b>GABCL20</b>	20' 5"													
Part No.	Length	Cost Painted																					
<b>GABCL10</b>	10' 5"																						
<b>GABCL20</b>	20' 5"																						

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

Galvanized Trims - Less 10%

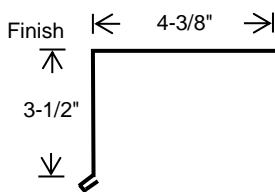
# Commercial 28 Gauge Trims

## Gable End Cap



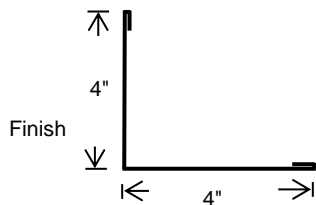
Part No.	Length	Cost Painted
<b>GABCA</b>		

## Com Eave Flashing



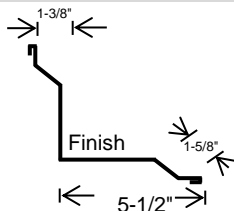
Part No.	Length	Cost Painted
<b>COMEF10</b>	10' 5"	
<b>COMEF20</b>	20' 5"	

## Com Outside Trim



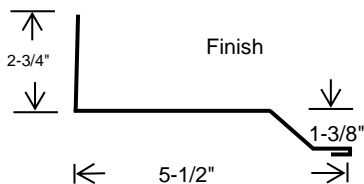
Part No.	Length	Cost Painted
<b>COMOT</b>	10' 5"	

## Com Inside Corner



Part No.	Length	Cost Painted
<b>COMINRC</b>	10' 5"	

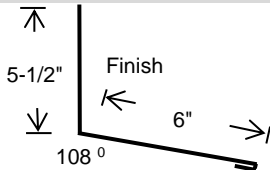
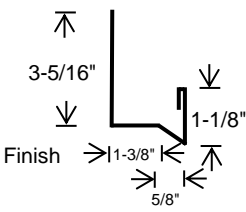
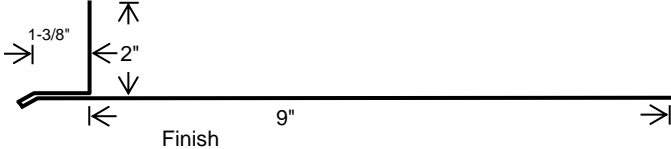
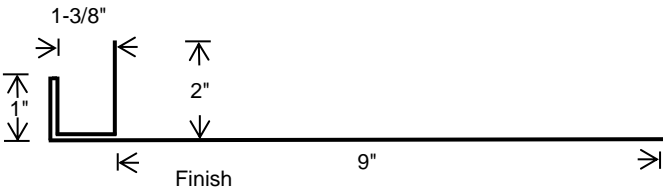
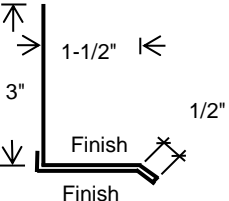
## Com Universal Sidewall



Part No.	Length	Cost Painted
<b>COMUS10</b>	10' 5"	
<b>COMUS20</b>	20' 5"	



# Commercial 28 Gauge Trims

Endwall		Part No.	Length	Cost Painted
		Specify Pitch	<b>EW</b>	10' 5"
Com Header w/Drip		Part No.	Length	Cost Painted
			<b>COMHTD10</b>	10' 5"
			<b>COMHTD12</b>	12' 5"
			<b>COMHTD14</b>	14' 5"
Com Overhead Door w/Drip		Part No.	Length	Cost Painted
			<b>COMODD9</b>	10' 5"
			<b>COMODD9</b>	12' 5"
			<b>COMODD9</b>	14' 5"
			<b>COMODD9</b>	16' 5"
			<b>COMODD9</b>	18' 5"
Com Overhead Door Jamb J		Part No.	Length	Cost Painted
			<b>COMOJJ9</b>	10' 5"
			<b>COMOJJ9</b>	12' 5"
			<b>COMOJJ9</b>	14' 5"
			<b>COMOJJ9</b>	16' 5"
			<b>COMOJJ9</b>	18' 5"
Com Drip Trim		Part No.	Length	Cost Painted
			<b>COMDC10</b>	10' 5"
			<b>COMDC20</b>	20' 5"

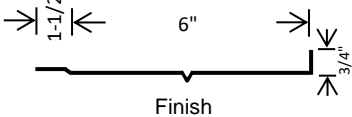
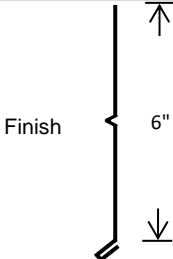
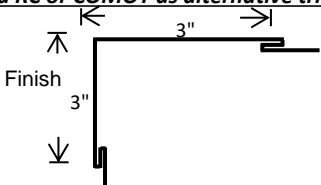
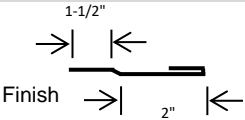
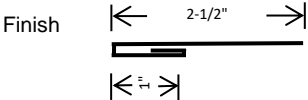
# Commercial 28 Gauge Trims

Com Window Sill Trim	Part No. <b>COMWS10</b>	Length 10' 5"	Cost Painted
Com Head Trim	Part No. <b>COMHT10</b>	Length 10' 5"	Cost Painted
	<b>COMHT12</b>	12' 5"	
	<b>COMHT14</b>	14' 5"	
Com Double J Trim	Part No. <b>COMDJ</b>	Length 10' 5"	Cost Painted
Com Jamb Trim	Part No. <b>COMJT10</b>	Length 10' 5"	Cost Painted
	<b>COMJT12</b>	12' 5"	
	<b>COMJT14</b>	14' 5"	
Com Transition	Part No. <b>COMTR</b>	Length 10' 5"	Cost Painted

# Commercial 28 Gauge Trims

Com Base Closure	Part No.	Length	Cost Painted
	COMBASE	10' 5"	
Com Rat Guard	Part No.	Length	Cost Painted
	COMRG	10' 5"	
Com Masonry Flash	Part No.	Length	Cost Painted
	COMMF10	10' 5"	
	COMMF20	20' 5"	

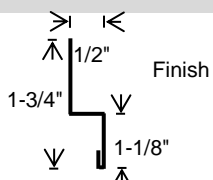
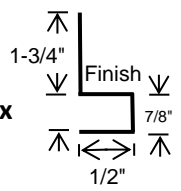
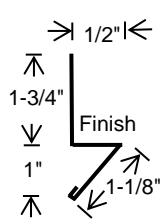
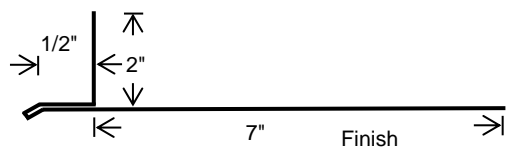
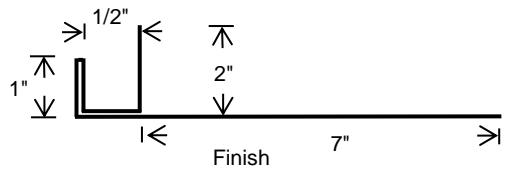
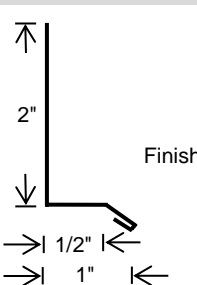
# Low Rib 28 Gauge Trims

LR Starter Trim	<div>Part No.</div> <div><b>LRST</b></div> <div>Length</div> <div>10' 5"</div> <div>Cost Painted</div>
	
LR Top Molding	<div>Part No.</div> <div><b>LRTM</b></div> <div>Length</div> <div>10' 5"</div> <div>Cost Painted</div>
	
LR Outside Corner	<div>Part No.</div> <div><b>LROC</b></div> <div>Length</div> <div>10' 5"</div> <div>Cost Painted</div>
<p><i>(Recommend RC or COMOT as alternative trims)</i></p> 	
LR Divider Trim	<div>Part No.</div> <div><b>LRDT</b></div> <div>Length</div> <div>10' 5"</div> <div>Cost Painted</div>
	
LR Hem Trim	<div>Part No.</div> <div><b>HT</b></div> <div>Length</div> <div>10' 5"</div> <div>Cost Painted</div>
	

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

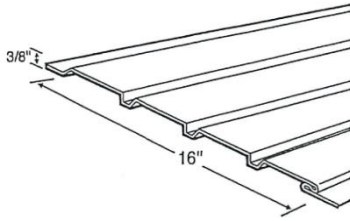
Galvanized Trims - Less 10%

# Low Rib 28 Gauge Trims

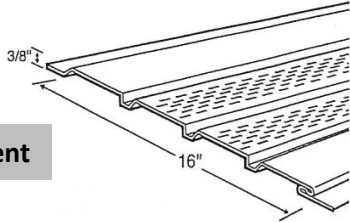
<div>LR Transition</div> 	<div>Part No. Length Cost Painted</div> <div>LRTR10' 5"</div>
<div>LR Base Moulding`</div> <div> <div> <div>Starter/Box</div>  </div> <div> <div>Rat Guard</div>  </div> </div>	<div>Part No. Length Cost Painted</div> <div>LRSX10' 5"</div> <div>LRRG10' 5"</div>
<div>LR Overhead Door with Drip</div> 	<div>Part No. Length Cost Painted</div> <div>LRODD10' 5"</div>
<div>LR Overhead Door Jamb</div> 	<div>Part No. Length Cost Painted</div> <div>LROJJ10' 5"</div>
<div>LR Drip Cap</div> 	<div>Part No. Length Cost Painted</div> <div>LRDC10' 5"</div>

# DS Residential Products

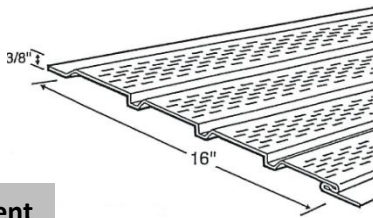
**Solid**



**Center Vent**

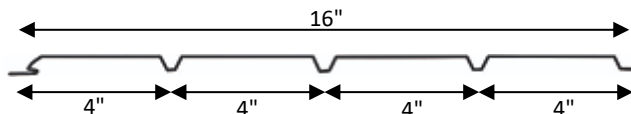


**Full Vent**



## Soffit Specifications:

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



*Quad Soffit offers both traditional beauty and durability in a system that is virtually maintenance*

# DS Residential Products

## ALUMINUM SOFFIT & TRIM COLORS:

## STEEL TRIM COLORS:

KW	Brite White	SW	Snowmist**
BW	White	NW	Norwood **
CI	Ivory	MB	Musket**
DS	Sand	MO	Mocha**
LS	Light Stone	TE	Teritone**
AG	Ash Gray	BN	Brown**
CG	Charcoal Gray	EV	Evergreen**
CB	Cocoa Brown	CY	Clay**
LB	Light Brown	RH	Tan
DB	Dark Brown	SG	Smoke
BS	Burnished Slate	RB	Roman Blue
GB	Gallery Blue	CR	Brite Red
DE	Dark Blue	CO	Copper
BR	Red	MK	Matte Black**
BY	Burgundy	FE	Fern
FO	Forest	BK	Black

**\*\*Aluminum Fascia only available in these colors**

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

## PARTS LIST

Part Numbers	Description
DSQSALSO	Solid Soffit
DSQSALCV	Center Vent Soffit
DSQSALFV	Full Vent Soffit

Standard Lengths	Quantity/Box
144"	12 Pcs/Carton
23.75"	24 Pcs/Carton
11.75"	36 Pcs/Carton

See panel pricing for Soffit prices

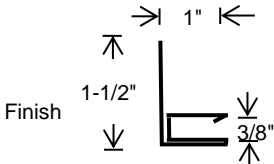
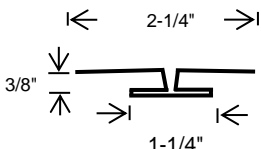
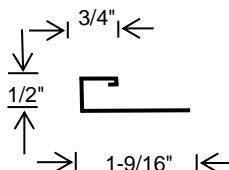

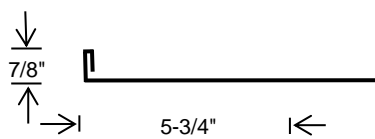
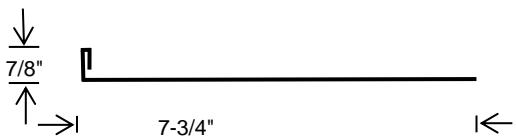
Part	Length	Painted
1-1/4" Nails (1 lb Box)	(Limited color availability)	

Part	Length	Painted
DSNA125	1-1/4"	



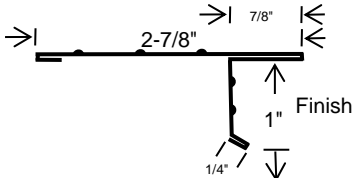
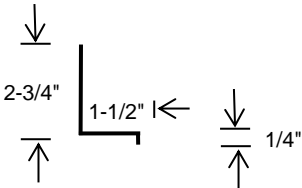
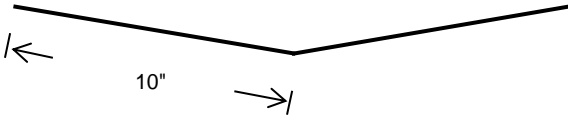


Notes: Dark Blue, Copper, & Copper Metallic - add 15%

DS Residential Products

3/8" F-Trim (Aluminum)		Part No.	Length	Cost Painted
		<b>FT38AL12</b>	12'	
Mitre Divider Moulding (Aluminum) (SOFD38)		Part No.	Length	Painted
		<b>SOFD38</b>	12'	
1/2" J-Channel (Aluminum)		Part No.	Length	Painted
		<b>J12AL12</b>	12'	
Aluminum Trim Coil 18-3/4" Wide		Part No.	Length	Painted
		<b>DSCOAL25</b>	25'	
		<b>DSCOAL50</b>	50'	
5-3/4" Wood Grain Aluminum	Aluminum	Part No.	Length	Painted
	Steel	<b>FA6WAL12</b>	12'	
	Steel	<b>FA6W10</b>	10' 5"	
	Steel	<b>FA6W12</b>	12' 5"	
	Aluminum	Part No.	Length	Painted
	Steel	<b>FA8WAL12</b>	12'	
7-3/4" Wood Grain Aluminum	Aluminum	<b>FA8W10</b>	10' 5"	
	Steel	<b>FA8W12</b>	12' 5"	
	Steel	<b>FA8W12</b>	12' 5"	
				






# DS Residential Products

D Edge	Part No.	Length	Painted
	<b>DSDE</b>	10'-5"	
			
7 1/4" Steel Ribbed Fascia	Part No.	Length	Painted
	<b>DSDF</b>	10'-5"	
			
20" Valley (No Hems)	Part No.	Length	Painted
	<b>DSV20</b>	10'	
			
20" W Valley w/Hems	Part No.	Length	Painted
	<b>DSWV20</b>	10'	
24" W Valley w/Hems	DSWV24	10'	
			
Roll Valley 50' Galvanized	Part No.	Length	Galvanized
	DSSVF12	50'	
	DSSVF16	50'	
	DSSFV20	50'	
	DSSFV24	50'	
			

# Wood Screws



	<b>1WS</b> - 1" Metal to Wood Screws	#10 x 1" Screws
		Galvanized - Bag of 250 Painted - Bag of 250
	<b>1WS14</b> - 1" Metal to Wood Screws	#14 x 1" Screws
		Painted - Bag of 250 (#14 OSB or PLYWOOD)
	<b>15WS</b> - 1-1/2" Metal to Wood Screws	#10 x 1-1/2" Screws
		Galvanized - Bag of 250 Painted - Bag of 250
	<b>2WS</b> - 2" Metal to Wood Screws	#10 x 2" Screws
		Galvanized - Bag of 250 Painted - Bag of 250
	<b>25WS</b> - 2-1/2" Metal to Wood Screws	#10 x 2-1/2" Screws
		Galvanized - Bag of 250 Painted - Bag of 250
	<b>3WS</b> - 3" Metal to Wood Screws	#10 x 3" Screws
		Galvanized - Bag of 250 Painted - Bag of 250

# Stainless Steel Screws

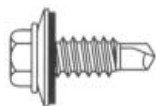
	<b>1SSWS</b> - 1" Stainless Steel	#10 x 1" Stainless Steel Screws
		Bag of 250
	<b>15SSWS</b> - 1-1/2" Stainless Steel	#10 x 1-1/2" Stainless Steel Screws
		Bag of 250
	<b>2SSWS</b> - 2" Stainless Steel	(Special Order) #10 x 2" Stainless Steel Screws
		Bag of 250

# Lap Stitch Screws

	<b>75LS</b> - 3/4" Stitch Screws ( <b>1/4" HEAD</b> )	#12x3/4" Stitch Screws
		Galvanized - Bag of 250 Painted - Bag of 250
	<b>78LS</b> - 7/8" Stitch Screws ( <b>5/16" HEAD</b> )	#14x7/8" Mini-Driller Stitch Screws
		Galvanized - Bag of 250 Painted - Bag of 250
	<b>15WSLPT</b> - 1-1/2" Wood <b>2WSLPT</b> - 2" Wood	Painted Low Profile Torx Fastener (250/Bag)
		Painted - Bag of 250 Painted - Bag of 250

	<b>1WSWF</b> - 1" Wafer Wood Screw <b>15WSWF</b> - 1-1/2" Wafer Wood Screw	Wafer Head Hidden Fastener Screws (250/Bag)
		Bag of 250 Bag of 250
	<b>75SDWF</b> - 3/4" Pancake Self-Drill Screw <b>1716SDWF</b> - 1-7/16" Wafer Self-Drill Screw	Bag of 250 Bag of 250

# Self Drilling Screws



#12 x 1" Screws

**1SD** - 1" Metal to Metal Screws

Galvanized - Bag of 250

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



(Special Order)

#12 x 2" Screws

**2SD** - 2" Metal to Metal Screws

Galvanized - Bag of 250

Painted - Bag of 250



Stainless Steel Painted Rivets

**RIV** - 3/16" x 1/8" Painted Pop Rivets

Bag of 100

(For use with PVC and Polycarbonate materials)

Bag of 500



**125OSW** - 1-1/4" One-Stepper Screw

White

**125OSZ** - 1-1/4" One-Stepper Screw

Zinc

**2OSZ** - 2" One-Stepper Screw

Zinc



**NUTSET14**

1/4" Socket Bit

**NUTSET1516**

5/16" Socket Bit

**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

Price each

RV25

Special Order



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

Price each (Special Order)

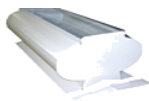
RV35

Special Order

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

Price each (Special Order)

RV400

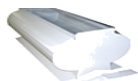


4' RV400 Ridgevents (Add \$ for Baffle) \*3 sq feet of free area

Price each (Special Order)

Special Order

RV900



10' RV900 Ridgevents (Add \$ for Baffle) \*7.5 sq feet of free area

Price each (Special Order)

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

**CLOSURE**  
**FOAM**  
WEATHER-TITE™ SYSTEM



Standing Seam are Top/Outer only

CLINSR / CLOTSR -Strong Rib Foam Closures

CLINDR / CLOTDR - Dakota Rib Foam Closures

CLINRP / CLOTRP - R-Panel Foam Closures

CLINCR / CLOTCT -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)

3' LP Ridge-vents  
Top/Outer Only



Standing Seam are Top/Outer only

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

**Uni-ventIII-DT** <sup>®</sup>

*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.

# Ridge Vents & 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 & Hip Applications

- Eliminates the need for angle cut closures

### Valley Application

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

### Hip Application

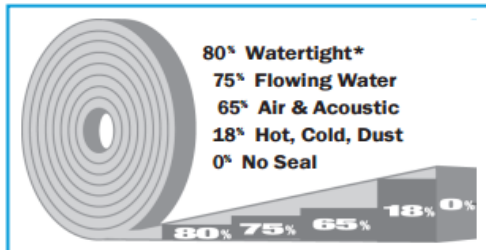
- For Hip Application, apply the Uni-Seal approximately 1/2" from edge of ridge cap and fasten through the high rib with stitch screws

## EMSEAL AST Hi-Acrylic

**CLEM1** - 1" x 1" 20' Roll

Price each

### Compression Levels

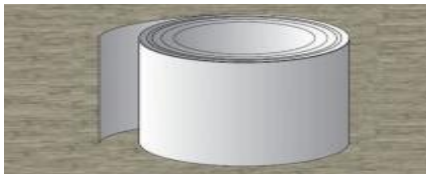


### Higher levels of compression offer greater protection

\* 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.

## Coil Stock

Custom Width and Lengths Available - 28 Gauge



## Flat Stock



Width

48"

Length

10'

28 Gauge

## High Temp Ice & Water Shield (240 Degree)

**ICEANDWATER3667** - 36" x 67'

## Hydrashell Synthetic Roofing Underlayment

**UNDERLAYMENT40300** - 40" x 300'

# Miscellaneous Accessories

## Paint

**PAINT** - Touch Up Pen Price each

**PAINTBOTTLE** - Bottle with Cap Brush 2 oz Price each



## Snow Guards (Clear in Stock) 3" x 3" x 5"

**SNOWG-POLARBLOCK** Price each



**CLBU38** - Butyl Tape 3/32" x 3/8 - 45' Roll

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



## Roof Flashers Black Red Hi Temp

**RF3 / RF3HT** - #3 1/4" - 5" \$16.05

**RF5 / RF5HT** - #5 4-1/4" - 7-3/4" \$27.89

**RF8 / RF8HT** - #8 7" - 13" \$44.71

**RF9 / RF9HT** - #9 9" - 19" \$72.85



**RFSB1S** - SPLIT BOOT SQUARE 1/2" - 4" \$28.34

**RFSB2S/RFSB2HTS** - SPLIT BOOT SQUARE 4" - 9-1/4" \$46.57

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

## Metal Roof Polymer Sealant

**CAULKCLEAR**

**CAULKWHITE**



## Weather vanes (Special Order)

Horse, Cow, Pig, Chicken, Tractor and more!

24"

30"

46"



**Weather vane Ridge Cap Base (For use without Cupola)**

**CUPWV-CB** Price each

## Cupolas (Special Order)

Roof

Louvers

Window

Base Flash Kit(4/12

Universal Base

**Optional Base Trim:**

Copper, Gallery Blue, or Light Brown

24"

36"

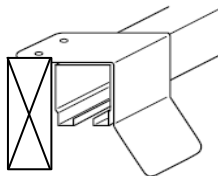
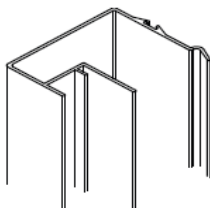
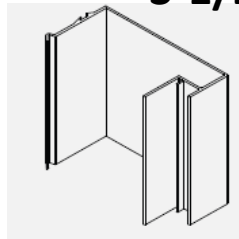
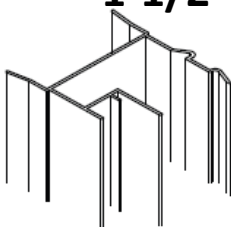
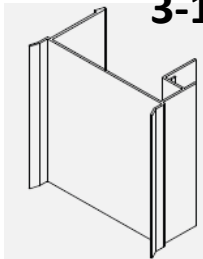
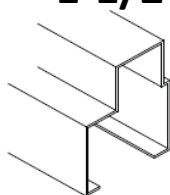
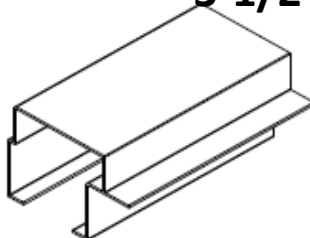
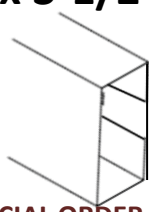

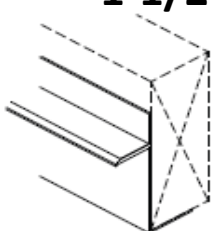
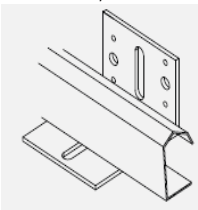
48"

1. Choose Roof
2. Choose Louvers or Windows
3. Choose Base Flash Kit or Factory-made Universal Base
  - \* Base Flash Kit requires contractor to build wooden frame (Specify pitch, changing pitch from 4/12 will change price.
4. Choose Optional Base Trim if using Copper, Gallery Blue, or Light Brown.





# Sliding Door Tracks ~ Drop Ship Charges May Apply

2200 Series		3300 Series	
All Colors Available (In Stock is White)			
<b>Box Track w/ Bracket - Galvanized</b> <b>1-1/2"</b> <div><div>SLBOX1510 - 10'</div><div>SLBOX1512 - 12'</div><div>SLBOX1514 - 14'</div><div>SLBOX1516 - 16'</div><div>SLBOX1518 - 18'</div></div> 		<b>*** Round Track SPECIAL ORDER</b>	
<b>Vertical Side Rail</b> <b>1-1/2"</b> <div><div>SLVERSR1510 - 10'</div><div>SLVERSR1512 - 12'</div><div>SLVERSR1514 - 14'</div><div>SLVERSR1516 - 16'</div><div>SLVERSR1518 - 18'</div></div> 		<b>3-1/2"</b> <div><div>SLVERSR3510 - 10'</div><div>SLVERSR3512 - 12'</div><div>SLVERSR3514 - 14'</div><div>SLVERSR3516 - 16'</div><div>SLVERSR3518 - 18'</div></div> 	
<b>Vertical Rail w/ H-Closure</b> <b>1-1/2"</b> <div><div>SLVERHR1510 - 10'</div><div>SLVERHR1512 - 12'</div><div>SLVERHR1514 - 14'</div><div>SLVERHR1516 - 16'</div><div>SLVERHR1518 - 18'</div></div> 		<b>3-1/2"</b> <div><div>SLVERHR3510 - 10'</div><div>SLVERHR3512 - 12'</div><div>SLVERHR3514 - 14'</div><div>SLVERHR3516 - 16'</div><div>SLVERHR3518 - 18'</div></div> 	
<b>Bottom Stay Rail (Use with TBSG Bottom Stay Guide)</b> <b>1-1/2"</b> <div><div>SLBOTSR1510 - 10'</div><div>SLBOTSR1512 - 12'</div><div>SLBOTSR1514 - 14'</div><div>SLBOTSR1516 - 16'</div><div>SLBOTSR1518 - 18'</div></div> 		<b>3-1/2"</b> <div><div>SLBOTSR3510 - 10'</div><div>SLBOTSR3512 - 12'</div><div>SLBOTSR3514 - 14'</div><div>SLBOTSR3516 - 16'</div><div>SLBOTSR3518 - 18'</div></div> 	
<b>Girts - Galvanized</b> <b>1-1/2" x 3-1/2"</b> <div><div>SLGIR10 - 10'</div><div>SLGIR12 - 12'</div><div>SLGIR14 - 14'</div><div>SLGIR16 - 16'</div><div>SLGIR18 - 18'</div></div>  <b>SPECIAL ORDER</b>		<b>3-1/2" x 1-1/2"</b> <div><div>SLGIR10 - 10'</div><div>SLGIR12 - 12'</div><div>SLGIR14 - 14'</div><div>SLGIR16 - 16'</div><div>SLGIR18 - 18'</div></div>  <b>SPECIAL ORDER</b>	
<b>Bottom Rail (3-1/2" Use SLBOTSR35)</b> <b>1-1/2"</b> <div><div>SLBOTR1510 - 10'</div><div>SLBOTR1512 - 12'</div><div>SLBOTR1514 - 14'</div><div>SLBOTR1516 - 16'</div><div>SLBOTR1518 - 18'</div></div> 		<b>TBSG Bottom Stay Guide 1-1/2" or 3-1/2"</b> <div><div>SLBOTSG6 - 6'</div><div>SLBOTSG8 - 8'</div><div>SLBOTSG10 - 10'</div><div>SLBOTSG14 - 14'</div><div>SLBOTSG16 - 16'</div></div>  <p>Guide should be more than 1/2 the width of door</p>	

# Sliding Door Accessories

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

Set \$0.00

For Larger Doors Add Extra Sets



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

Set \$0.00



**SLUNIJAMLATCH** - 7" Universal Jamb Latch  
(Set of 2)

Set \$0.00



Universal Hook Up to to 7"

**SLDOORPULL** - 8" White Door Pull

Each \$0.00



**SLCENLATCH** - Center Latch (Bi-Parting Doors)

Each \$0.00



**SLHDSTAYROLL** - Heavy Duty Stay Roller

Each \$0.00



**SLCENCHLOCK** - Center Chain Lock

Each \$0.00



**SLCDG15** - 1-1/2" Center Door Guide

Each \$0.00



**SLHDADJDRSTOP** - Heavy Duty Adjustable Door Stop

Each \$0.00



Up to 4-1/4" Door Thickness

**SLCDG35** - 3-1/2" Center Door Guide

Each \$0.00



**SLJAMMOUNT** - Jam Mount Stop

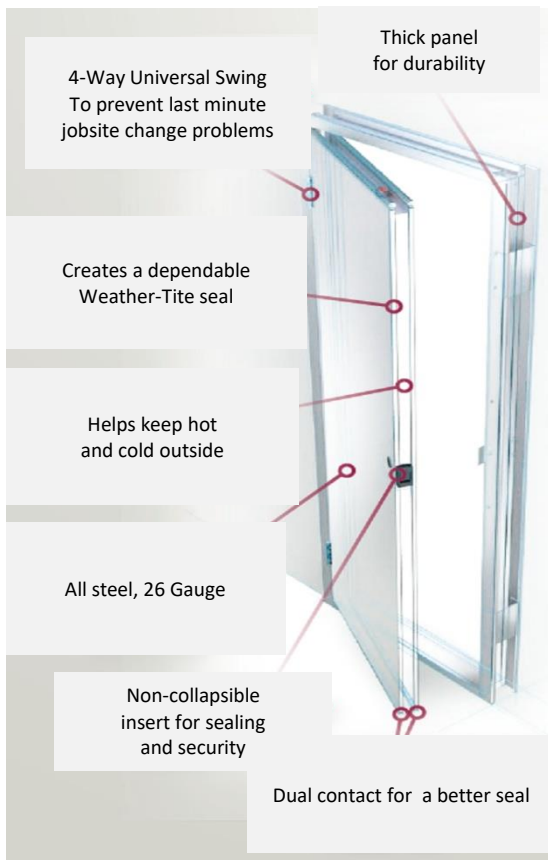
Each \$0.00



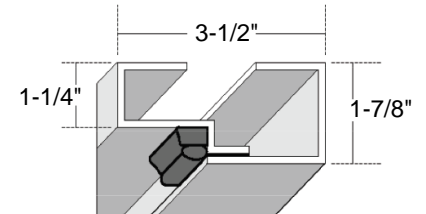
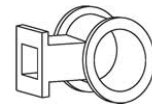
Universal Stop for any door thickness



# 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

<b>DHCOM1KD</b> - Satin Chrome Finish, Commercial Lever-Lock, Cylindrical Lockset Grade 2	\$0.00	
<b>DHLL2KA/KD</b> - Satin Chrome Finish, Heavy Duty Lever-Lock, Tubular Lockset Grade 2	\$0.00	
<b>DHLL2PA</b> - Satin Chrome Finish, Heavy Duty Passage Lever Grade 2	\$0.00	
<b>DHLL3KD</b> - Satin Chrome Finish, Keyed or Passage, Standard Lockset Grade 3	\$0.00	
<b>DHKB3</b> - Satin Chrome Finish, Keyed or Passage Standard Knob Lockset Grade 3	\$0.00	

## Shur-Latch ~ Stainless Steel (Special Order)

**SHURLATCH-MDI**

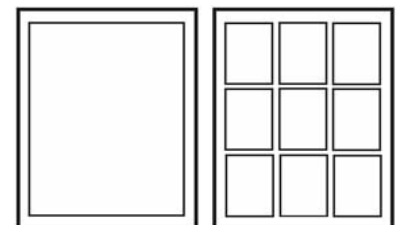
\$0.00



## Windows & Accessories (Special Order)

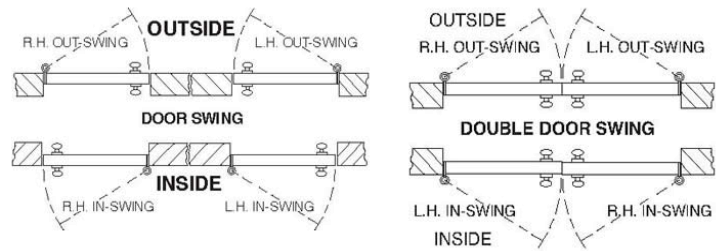
### Window Kits For Doors

22" x 30" 1 Lite Window	Price Each	\$0.00
22" x 30" 9 Lite Window	Price Each	\$0.00
16" x 16" 1 Lite Window	Price Each	\$0.00



# 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 2/8x6/8 Doors

AS32868 - No Window	Price Each	\$0.00		
AS328681616 - 16" x 16" 1 Lite Window	Price Each	\$0.00	Actual Size for 2/8 door	Special Order
AS328682230 - 22" x 30" 1 Lite Window	Price Each	\$0.00	34-5/8" x 80-5/8"	Special Order
AS3286822309L - 22" x 30" 9 Lite Window	Price Each	\$0.00	Rough Opening 35" x 81"	Special Order

## AS3 3/0x6/8 Doors

AS33068 - No Window	Price Each	\$0.00	Actual Size for 3/0 door	
AS330681616 - 16" x 16" 1 Lite Window	Price Each	\$0.00	38-5/8" x 80-5/8"	
AS330682230 - 22" x 30" 1 Lite Window	Price Each	\$0.00		
AS3306822309L - 22" x 30" 9 Lite Window	Price Each	\$0.00	Rough Opening 39" x 81"	

## AS3 4/0x6/8 Doors

AS34068 - No Window - In Stock	Price Each	\$0.00	Actual Size for 4/0 door	
AS340681616 - 16" x 16" 1 Lite Window	Price Each	\$0.00	48-5/8" x 80-5/8"	
AS340682230 - 22" x 30" 1 Lite Window	Price Each	\$0.00		Special Order
AS3406822309L - 22" x 30" 9 Lite Window	Price Each	\$0.00	Rough Opening 49" x 81"	Special Order

## AS3 6/0x6/8 Doors

AS36068DD - No Window	Price Each	\$0.00	Actual Size for 6/0 door	
AS3606822301 - 1-22" x 30" 1 Lite Window	Price Each	\$0.00	74-7/8"x81-3/8"	Special Order
AS3606822309L1 - 1-22" x 30" 9 Lite Window	Price Each	\$0.00	6/0 doors with one window	Special Order
AS3606822302 - 2-22" x 30" 1 Lite Window	Price Each	\$0.00	specify on what panel you want the window.	Special Order
AS36068223029L - 2-22" x 30" 9 Lite Window	Price Each	\$0.00	Rough Opening 75-1/4" x 81-5/8"	Special Order

## Upswing Doors (For load-outs)

AS32868US - 2/8x6/8 Door	Price Each	\$0.00		Special Order
AS33068US - 3/0x6/8 Door	Price Each	\$0.00		Special Order
AS34068US - 4/0x6/8 Door	Price Each	\$0.00		Special Order

## T-8 3/0x6/8 Thermal Door

AS3T83068 - No Window	Price Each	\$0.00	Actual Size 38-5/8" x 80-5/8"	
AS3T830682230 - 22" x 30" 1 Lite Window	Price Each	\$0.00	<b>Full thermal break of jambs, header/threshold and panel.</b>	Special Order
AS3T8306822309L - 22" x 30" 9 Lite Window	Price Each	\$0.00	<b>SS Hinges.</b> 16 ga. pre-painted steel jambs. <b>24 gauge</b> pre-painted door panel. <b>Full perimeter weather stripping.</b> Universal 4-way swing.	Special Order

## T-8 4/0x6/8 Thermal Door

AS3T84068 - No Window	Price Each	\$0.00	Nylon lockset insert. Three fixed stainless steel pin hinges. Adjustable strike plate.	Special Order
AS3T840682230 - 22" x 30" 1 Lite Window	Price Each	\$0.00	Actual Unit Size is 38-5/8"x80-5/8".	Special Order
AS3T8406822309L - 22" x 30" 9 Lite Window	Price Each	\$0.00		Special Order

# Stainless Steel Doors - Sharp Industries Inc.

## Features:

- 100% 304 Stainless Steel
- 4-way universal swing
- 1-3/4" thick door with 20 Ga. skins
- 3-1/2", 16 Ga. stainless steel jambs (2"x4" walls)
- Full perimeter weather-stripping
- Standard or Custom door sizes
- Stainless steel lockset insert, reinforced 12 Ga. stainless steel plates
- 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 installation
- Four 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
- Door is prepped for lockset by boring a 2-1/8" diameter hole with a 2-3/4" backset and a 1" edge bore



Four stainless steel hinges



Weather-stripping

## Options:

- 16" x 16" 1 lite, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space
- 22" x 30" 1 lite, consisting of 2 pieces of 1/8" tempered glass with 1/2" dead air space
- Dead bolt lockset
- 5-1/2", 16 Ga. stainless steel jambs (2"x6" walls)
- Custom assemblies available in a wide range of sizes, configurations and jamb depths
- Customizable for your latch preference



Customizable for your latch preference



Dead bolt lockset



Tempered glass window

**Specify 2x4 or 2x6 Wall**

**Flange Mount or Flangeless Frame**

**Call for Price and Custom Sizes**

**3068SS**

**4068SS**

**6068SS**

**16x16 or 22x30 Window**

Rough opening is 2" wider than door and 2-1/4" taller than door

**\*\*\* Freight is separate charge**

# Stainless Steel Doors - Sharp Industries Inc.

## FEATURES:

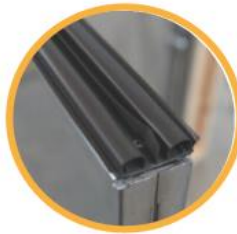
- 100% 304 Stainless Steel
- 1-3/4" thick door with 20 Ga. Skins
- 3-1/2", 16 Ga. stainless steel jambs (2"x4" walls)
- Full perimeter weather-stripping
- Flange built into one side of frame with flange built into trim pieces on other side. Benefit is there is no need to trim after installation
- 3 stainless 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 1/4" 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:

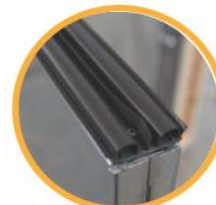
- Polypropylene Copolymer panel
- 100% 304 Stainless Steel frame, hinges, and panel retainers
- 3-1/2", 16 Ga. Stainless steel jambs (2"x4" walls)
- 2" thick door
- Flange built into one side of frame with flange built into trim pieces on the other side. Benefit is there is no need to trim after installation
- Four stainless steel hinges with bearings, reinforced 12 Ga. stainless steel plates
- Rough Opening is 2 inches wider and 2 1/4" inches taller than door size. Example – A 36"x80" door will have a R.O. of 38" x 82 1/4"
- 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

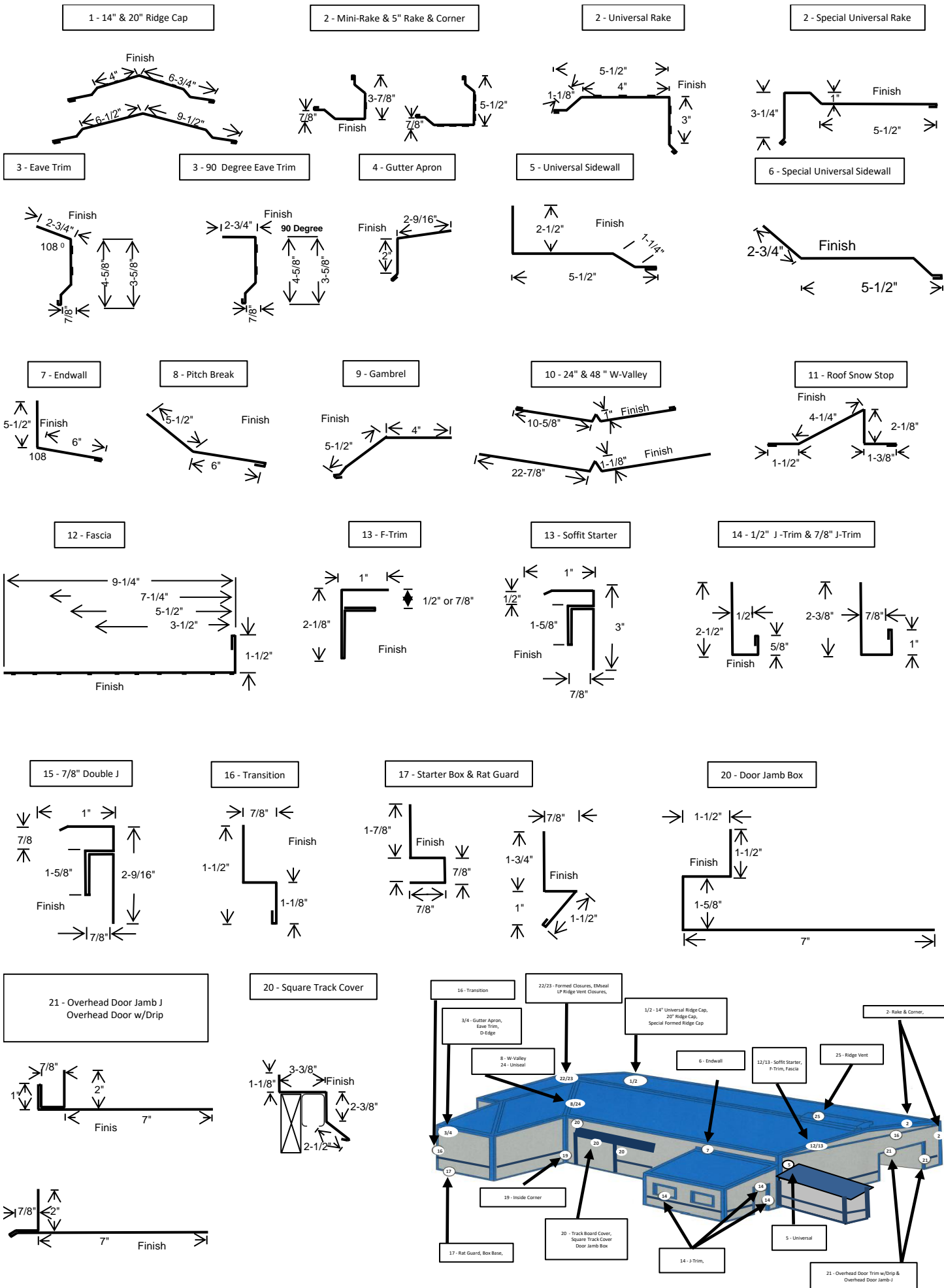


Stainless Steel Door Hinges



Weather-Stripping





CONVERTING PITCH TO DEGREE

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

SINGLE SLOPE PITCHES

Fascia, Eave, Endwall,  
Tie-In, Gutter

RIDGE CAP

Pitch Break, Gambrel

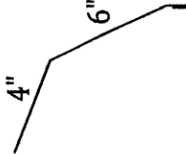
1:12 pitch	2:12 pitch	3:12 pitch	4:12 pitch	5:12 pitch	6:12 pitch	7:12 pitch	8:12 pitch	9:12 pitch	10:12 pitch	11:12 pitch	12:12 pitch	13:12 pitch	14:12 pitch	15:12 pitch	16:12 pitch	17:12 pitch	18:12 pitch	19:12 pitch	20:12 pitch	21:12 pitch	22:12 pitch	23:12 pitch	24:12 pitch	25:12 pitch	26:12 pitch	27:12 pitch	28:12 pitch	29:12 pitch	30:12 pitch
94°	99°	104°	108°	112°	116°	120°	123°	126°	129°	132°	135°	137°	139°	141°	143°	144°	146°	147°	149°	150°	151°	152°	153°	154°	155°	156°	156°	157°	158°
170°	161°	152°	143°	135°	127°	120°	113°	106°	100°	95°	90°	85°	81°	77°	73°	70°	67°	64°	61°	59°	57°	55°	53°	51°	49°	47°	46°	44°	43°

TRANSITION TRIM

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

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

Upper Transition Trim



Lower Transition Trim



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

	1:12 pitch	2:12 pitch	3:12 pitch	4:12 pitch	5:12 pitch	6:12 pitch	7:12 pitch	8:12 pitch	9:12 pitch	10:12 pitch	11:12 pitch	12:12 pitch	13:12 pitch	14:12 pitch	15:12 pitch	16:12 pitch	17:12 pitch	18:12 pitch
1:12 pitch		175°	171°	166°	162°	158°	155°	151°	148°	145°	142°	140°	137°	135°	133°	132°	130°	128°
2:12 pitch	175°		175°	171°	167°	163°	159°	156°	153°	150°	147°	144°	142°	140°	138°	136°	135°	133°
3:12 pitch	171°	175°		176°	171°	167°	164°	160°	157°	154°	152°	149°	147°	145°	143°	141°	139°	138°
4:12 pitch	166°	171°	176°		176°	172°	168°	165°	162°	159°	156°	153°	151°	149°	147°	145°	144°	142°
5:12 pitch	162°	167°	171°	176°		176°	172°	169°	166°	163°	160°	158°	155°	153°	151°	149°	148°	146°
6:12 pitch	158°	163°	167°	172°	176°		176°	173°	170°	167°	164°	162°	159°	157°	155°	153°	152°	150°
7:12 pitch	155°	159°	164°	168°	172°	176°		177°	173°	170°	168°	165°	163°	161°	159°	157°	155°	154°
8:12 pitch	151°	156°	160°	165°	169°	173°	177°		177°	174°	171°	169°	166°	164°	162°	161°	159°	157°
9:12 pitch	148°	153°	157°	162°	166°	170°	173°	177°		177°	174°	172°	170°	167°	166°	164°	162°	161°
10:12 pitch	145°	150°	154°	159°	163°	167°	170°	174°	177°		177°	175°	173°	170°	168°	167°	165°	163°
11:12 pitch	142°	147°	152°	156°	160°	164°	168°	171°	174°	177°		178°	175°	173°	171°	169°	168°	166°
12:12 pitch	140°	144°	149°	153°	158°	162°	165°	169°	172°	175°	178°		178°	176°	174°	172°	170°	169°

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

# Slope Factor Chart

<i>Running Feet</i>	<i>1:12 Pitch</i>	<i>2:12 Pitch</i>	<i>3:12 Pitch</i>	<i>4:12 Pitch</i>	<i>5:12 Pitch</i>	<i>6:12 Pitch</i>
1	1' 0"	1' 0 1/8"	1' 0 3/8"	1' 0 5/8"	1' 1"	1' 1 3/8"
2	2' 0 1/8"	2' 0 3/32"	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"	11' 11"	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

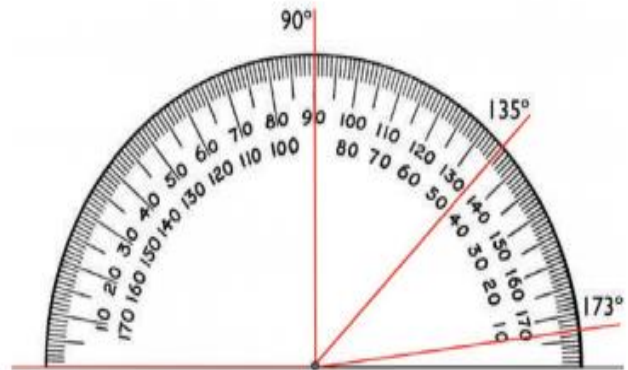
Fascia, Eave, Endwall, Gutter	
1:12	94.76 degrees
2:12	99.46 degrees
3:12	104.04 degrees
4:12	108.44 degrees
5:12	112.62 degrees
6:12	116.57 degrees
7:12	120.26 degrees
8:12	123.69 degrees
9:12	126.87 degrees
10:12	129.81 degrees
11:12	132.51 degrees
12:12	135.00 degrees

Hip, Valley	
1:12	173.00 degrees
2:12	167.00 degrees
3:12	160.00 degrees
4:12	154.00 degrees
5:12	148.00 degrees
6:12	143.00 degrees
7:12	138.00 degrees
8:12	134.00 degrees
9:12	130.00 degrees
10:12	126.00 degrees
11:12	123.00 degrees
12:12	120.00 degrees

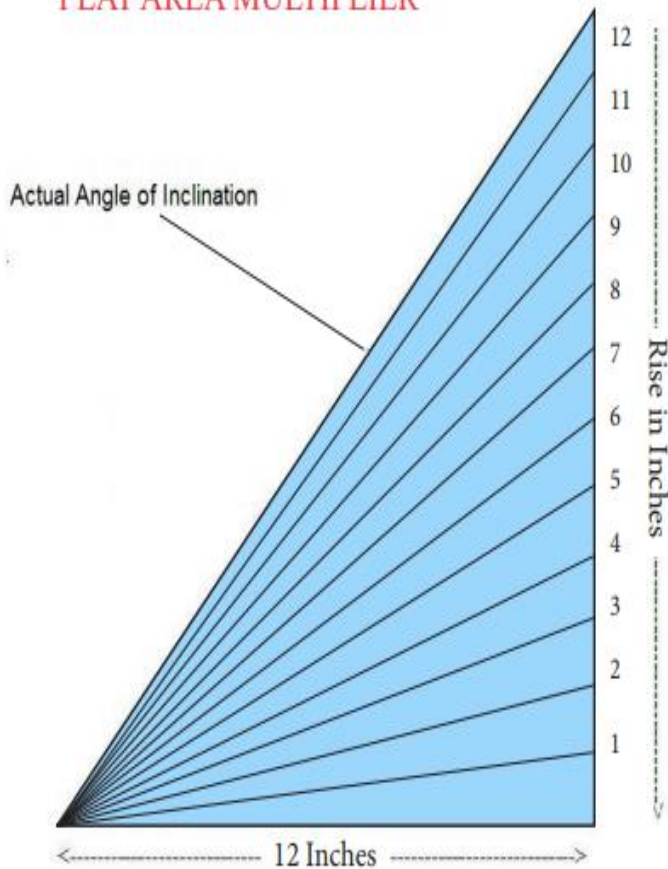
Ridgecap	
1:12	170.00 degrees
2:12	161.00 degrees
3:12	152.00 degrees
4:12	143.00 degrees
5:12	135.00 degrees
6:12	127.00 degrees
7:12	120.00 degrees
8:12	113.00 degrees
9:12	106.00 degrees
10:12	100.00 degrees
11:12	95.00 degrees
12:12	90.00 degrees

## 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



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





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