SDL Product Ordering Guide and Pricing

Unlimited Customization of Grids for Windows & Doors

CUSTOM GLASS PRODUCTS

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If You Can Draw It, We Can Make It

- Family Owned and Operated Since 1971
- Decralite® Grid Systems U.S. Patents D766,751 S; D732,360 S; 5, 980,667; 6,415,579 B1; 7,318,301 B2
- Made in the USA
- Environmentally Friendly

MADE IN USA

CUSTOMGLASSPRODUCTS

Contents

Specifications 4
Assembly Configuration Selection 5
Decralite® Standard Profiles 6
Decralite® SDL 7
Embossing 8
End Conditions 9
Shapes and Required Dimensions 10
Example Pricing 11
Standard / Complex Half Rounds 12-13
Standard / Complex Eyebrows 14-15
Standard / Complex Quarter Rounds 16-17
Standard / Complex Ellipticals 18-19
Standard / Complex Ovals 20-23
Standard / Complex Circles 22-21
Standard / Complex Octagons 24-25
Diamonds 26
Rectangles 27
Other Shapes 28
Decralite® Application Instructions 29
Lineal Bars and Distribution Programs 30
Pre-Cut and Notch Pricing 31
Decra-Tech 32
Barn Door Components 33
Other Terms ..... 34 & 35

Specifications

Decralite® is the only true one-piece grid system available in the market today. This patented technology enables our customers to simply apply Decralite® SDL to their windows without any cutting, forming, or finishing requirements. And because its one-piece, problems associated with alignment are mitigated.

Decralite® colonial SDL is available for *silicone applications, tape applications, or snap on applications.*

Decralite® is made from 100% pure plastic, not foamed plastics.We believe this adds to the long term integrity of the product and enables finishing qualities unmatched by foam filled products. Decralite® SDL bars also provide enhanced machinability when compared to foamed products. Decralite® is manufactured with “Green” materials. In fact, all the raw materials used in the processing and manufacturing of Decralite grilles are 100% recyclable.

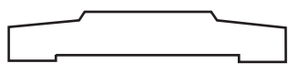
Tape Applied Grilles

Decralite® Tape Applied SDL is available with two tape choices, VHB Acrylic Tape or Foam Adhesive Tape. VHB tapes average 28 PSI on the ASTM 90 degree pull adhesion test. Foam adhesive tapes average 11 PSI on the 90 degree peel test. Please consult your Sales Representative for more information about tape selection or information about our warranty program.

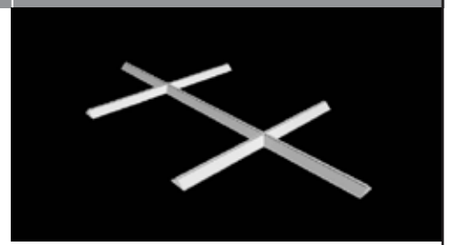
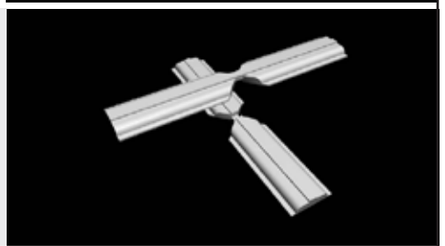
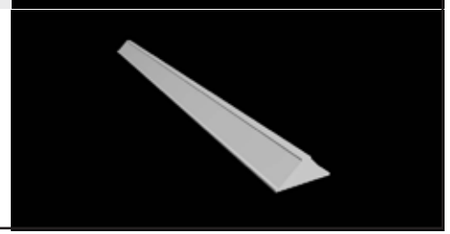
*Application of taped products to glass requires special treatment of the glass and specific care. Please see application sheet for your specific tape product, or call customer service. Lineal Bars are available as part of a Distribution Program that includes equipment and training. Contact your sales representative for more info.

Silicone Applied

Silicone applied SDL grilles can also be provided with a silicone “groove” as shown below. Typical configurations may require the glass side of the grid to be coated grey or black. Custom Glass Products recommends Dow Corning 1199 silicone for this application. Testing reports are available on request.

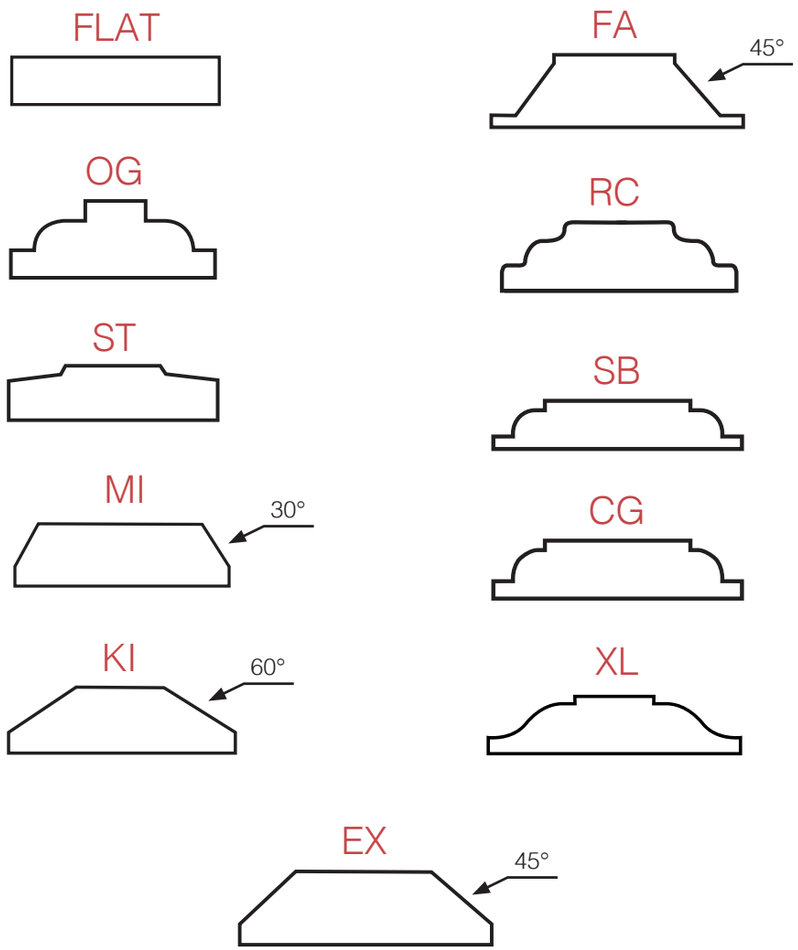


Assembly Configuration Selection

Assembly Configuration	Assembly Example Graphic
ONE PIECE Finished Grid – Ready to install	
CUT & NOTCHED All components – Unassembled & shipped flat	
LINEAL BARS* 8’ Individual Bars – Unassembled, shipped flat and uncut	

* Lineal Bars are available as part of a Distribution Program that includes equipment and training. Contact your sales representative for more info.

Decralite® Standard Profiles



Custom profiles are available. Contact your sales representative for more information.

Decralite® SDL

Call CGP to discuss our color matching services and unlimited custom colors

Choose Base Material	Features/ Benefits	Choose Base Material Color	Color Profile	Depth Available
Decralite® Standard	Lowest Cost Time Tested Paintable Machineable	White Only		.040, 1/8", 3/16", 1/4", 3/8"
Decralite® Color Core	Multiple Colors to Match Surface Colors Scratch Diffusing & Diminishing Design Paintable	Bronze		1/4"
		Tan		1/8", 3/16", 1/4", 3/8"
		Black		1/8", 3/16", 1/4", 3/8"
		Clay		1/8", 3/16", 1/4", 3/8"

Custom Glass Products has several non-standard colors available, or can create a custom color match.
To explore these options, please reach out to your sales representatives.

Coating Colors

Call CGP to discuss our color matching services and unlimited custom colors

Type	SDL Grid Color	Color Sample
Decralite®	Flat White	
	Gloss White	
	Tan	
	Beige	
	Dark Bronze	
	Chocolate	
	Black	

Custom Glass Products has several non-standard colors available, or can create a custom color match.
To explore these options, please reach out to your sales representatives.

Embossing

Custom Glass Product's Lineal Bars and Check Rails offer ultimate customization to match multiple wood grain finishes. The four embossing styles that are offered are Fir, Nova-Fir, Oak, and Mahogany. Along with these multiple styles, all of our embossing products are stain-ready to further match your style and color needs.

Embossing is available on numerous standard Decralite Profiles, including OG and MI. Thus, allowing for a perfect match and a sophisticated or rustic finish on each of your projects. Contact a Custom Glass Products sales representative for further information.

Nova-Fir

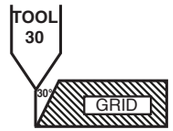
Oak

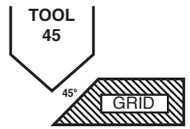
Fir

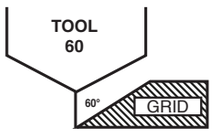
Mahogany

End Conditions

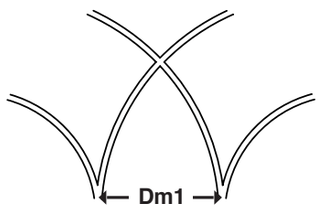
Decralite® offers a tapered glazing end profile to match the most common glazing beads. Typical end miters include 30, 45, or 60 degree miters as shown below. Specialized ends are available, consult your Decralite® Sales Representative for more information.



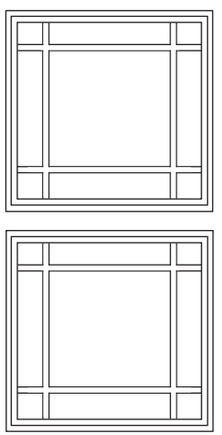




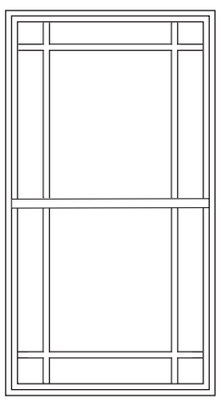
In order to standardize our methodologies, Custom Glass Products prefers all drawings provided to our CAD department use center of bar or center line drawings for special grid allignment. See example below.



Certain grid types require specification we call "by sash" and "by window". Shown below are examples of each type.

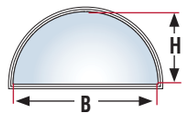
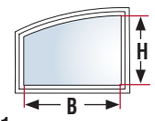
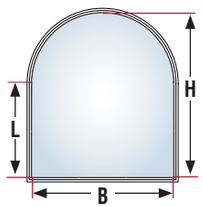
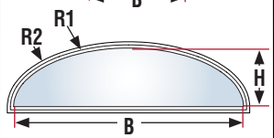
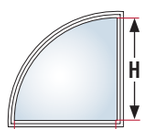
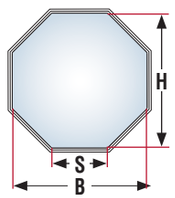
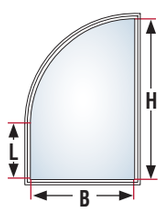
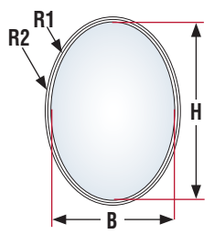
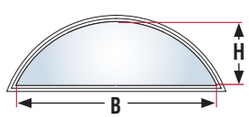
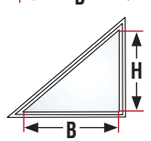
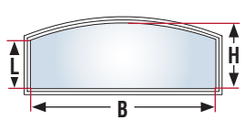
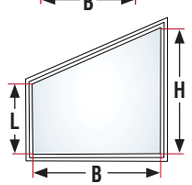
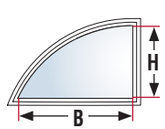
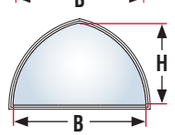


Alignment by Sash



Alignment by Window

Shapes and Required Dimensions

SHAPE NAME	SHAPE EXAMPLE	REQUIRED DIMENSIONS	SHAPE NAME	SHAPE EXAMPLE	REQUIRED DIMENSIONS
Half Round		Base, Height, **Ensure True Half Radius (H = 1/2B)**	Extended Half Eyebrow		Base, Height, Leg Height **Center Dimension Height**
Extended Half Round		Base, Height, **Ensure True Half Radius (H - L = 1/2B)**	Elliptical		Base, Height, Radius 1 and 2., **Preferred to have DXF or Pattern**
Quarter Round		Base, Height, **Ensure True Radius (H = B = 45° measurement to edge of glass)**	Octagon		Base, Height, All Individual Segment Measurements
Extended Quarter Round		Base, Height, Leg Height	Oval		Base, Height, Radius 1 and 2., **Preferred to have DXF or Pattern**
Eyebrow		Base, Height,	Triangle		Right Triangles: Base, Height All other Triangles: Base, Height, All Segment Dimensions
Extended Eyebrow		Base, Height,	Trapezoid		Base, Height, Leg
Half Eyebrow		Base, Height, Center Dimension Height	Cathedral		Base, Height. **Pattern or DXF Required.**

Example Pricing

Below is an example of how to price a Decralite® SDL, given the following details.

SDL SPECS:

3/16" thick x 13/16" wide

OG Profile, White, Standard Tape

A simple formula that can be used to calculate the price of the SDL is:

Price = (Square Footage) x (Grid Price) x (Customer Multiplier)

At CGP, we calculate Square Footage as the block size / 144, regardless of shape. The block size is each dimension rounded to the next even number, ie:
44 3/8 x 20 15/16 = 46 x 22.

This SDL's formula would be: **Price = (46 x 22 / 144) x ($12) x (.90)**
Price = $75.90 each for this SDL.

STANDARD PRICING

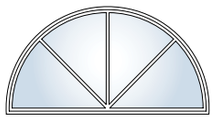
DESCRIPTION	LIST PRICE
.040 Thick	$6 psf
1/8" Thick	$8 psf
3/16" Thick	$10 psf
1/4" Thick	$12 psf
3/8" Thick	$14 psf

ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

Remember, at CGP, ***"If you can draw it we can make it"***

If you do not see your desired grid pattern in this brochure, ***we can make it.*** *It will be billed at Complex Pricing.*

Standard Half Rounds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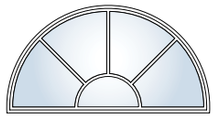
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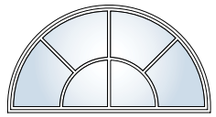
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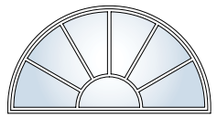
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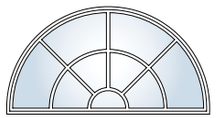
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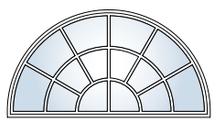
HR-17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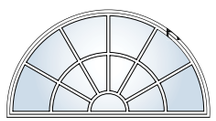
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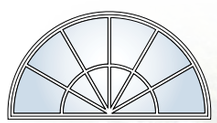
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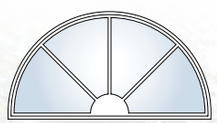
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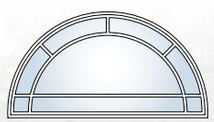
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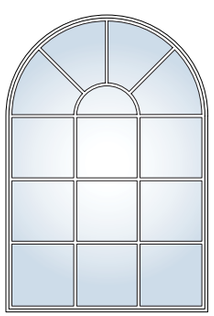
Extended Standard Half Rounds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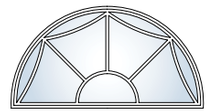
Complex Half Rounds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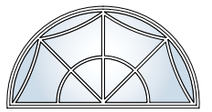
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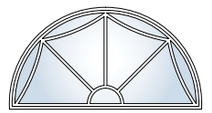
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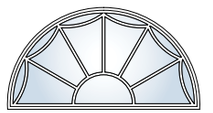
HR-42

HR-44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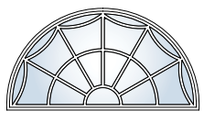
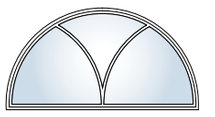
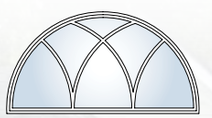
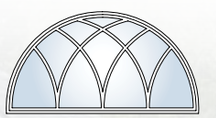
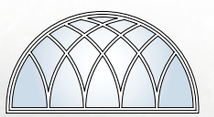
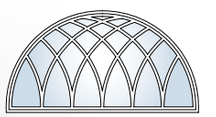

HR-48


HR-53


HR-54


HR-55


HR-56


HR-57

STANDARD PRICING

DESCRIPTION	LIST PRICE
.040 Thick	$6 psf
1/8” Thick	$8 psf
3/16” Thick	$10 psf
1/4” Thick	$12 psf
3/8” Thick	$14 psf

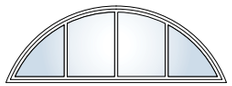
ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

COMPLEX PRICING

DESCRIPTION	LIST PRICE
.040 Thick	$11 psf
1/8” Thick	$13 psf
3/16” Thick	$15 psf
1/4” Thick	$17 psf
3/8” Thick	$19 psf

ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

Standard Eyebrows


EB-1

EB-2

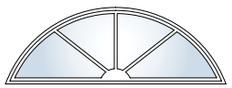
EB-4

EB-8

EB-10

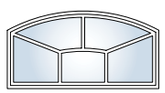
EB-12

EB-14

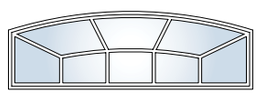

EB-16

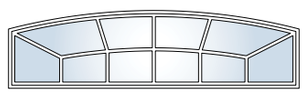
EB-26

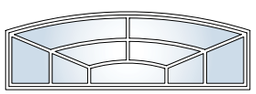
Extended Standard Eyebrows


EH-1

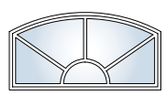
EH-3

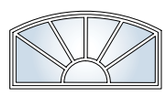

EH-5

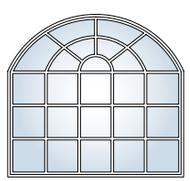

EH-7


EH-10

EH-12


EH-16


EH-18


EB-14, 15L

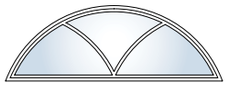
STANDARD PRICING

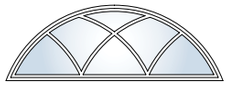
DESCRIPTION	LIST PRICE
.040 Thick	$6 psf
1/8” Thick	$8 psf
3/16” Thick	$10 psf
1/4” Thick	$12 psf
3/8” Thick	$14 psf

ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

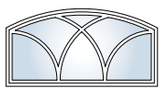
Complex Eyebrows

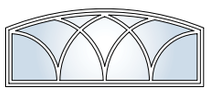
EB-18

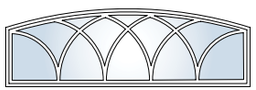

EB-20


EB-22

Extended Complex Eyebrows


EH-9


EH-11


EH-13

EH-15

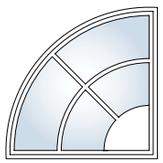
EH-9 6L

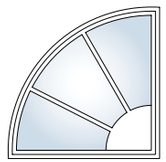
COMPLEX PRICING

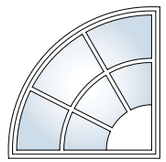
DESCRIPTION	LIST PRICE
.040 Thick	$11 psf
1/8” Thick	$13 psf
3/16” Thick	$15 psf
1/4” Thick	$17 psf
3/8” Thick	$19 psf

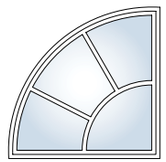
ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

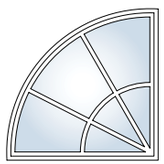
Standard Quarter Rounds

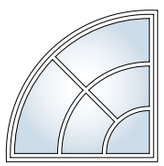

QR-1

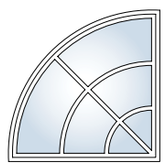

QR-2

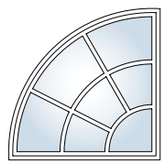

QR-3

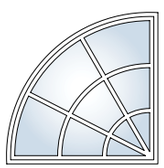

QR-4

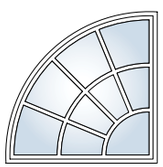

QR-7

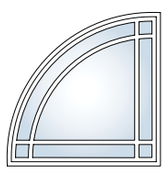

QR-10


QR-11

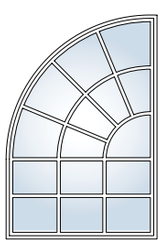

QR-12


QR-13


QR-15


QR-32

Extended Standard Quarter Rounds

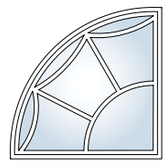

QR-15, 6L

STANDARD PRICING

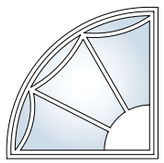
DESCRIPTION	LIST PRICE
.040 Thick	$6 psf
1/8” Thick	$8 psf
3/16” Thick	$10 psf
1/4” Thick	$12 psf
3/8” Thick	$14 psf

ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

Complex Quarter Rounds


QR-18

QR-26

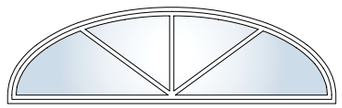

QR-28

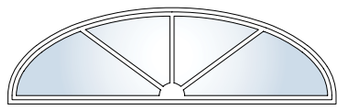
COMPLEX PRICING

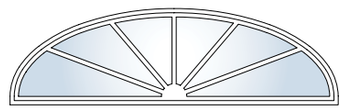
DESCRIPTION	LIST PRICE
.040 Thick	$11 psf
1/8” Thick	$13 psf
3/16” Thick	$15 psf
1/4” Thick	$17 psf
3/8” Thick	$19 psf

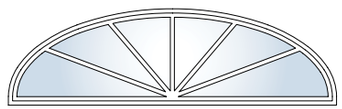
ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

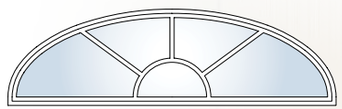
Standard Ellipticals


EL-1


EL-2


EL-3


EL-4


EL-5

EL-6

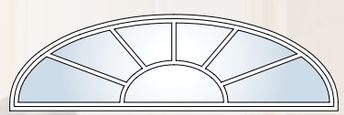
EL-8

EL-9

EL-11

EL-13

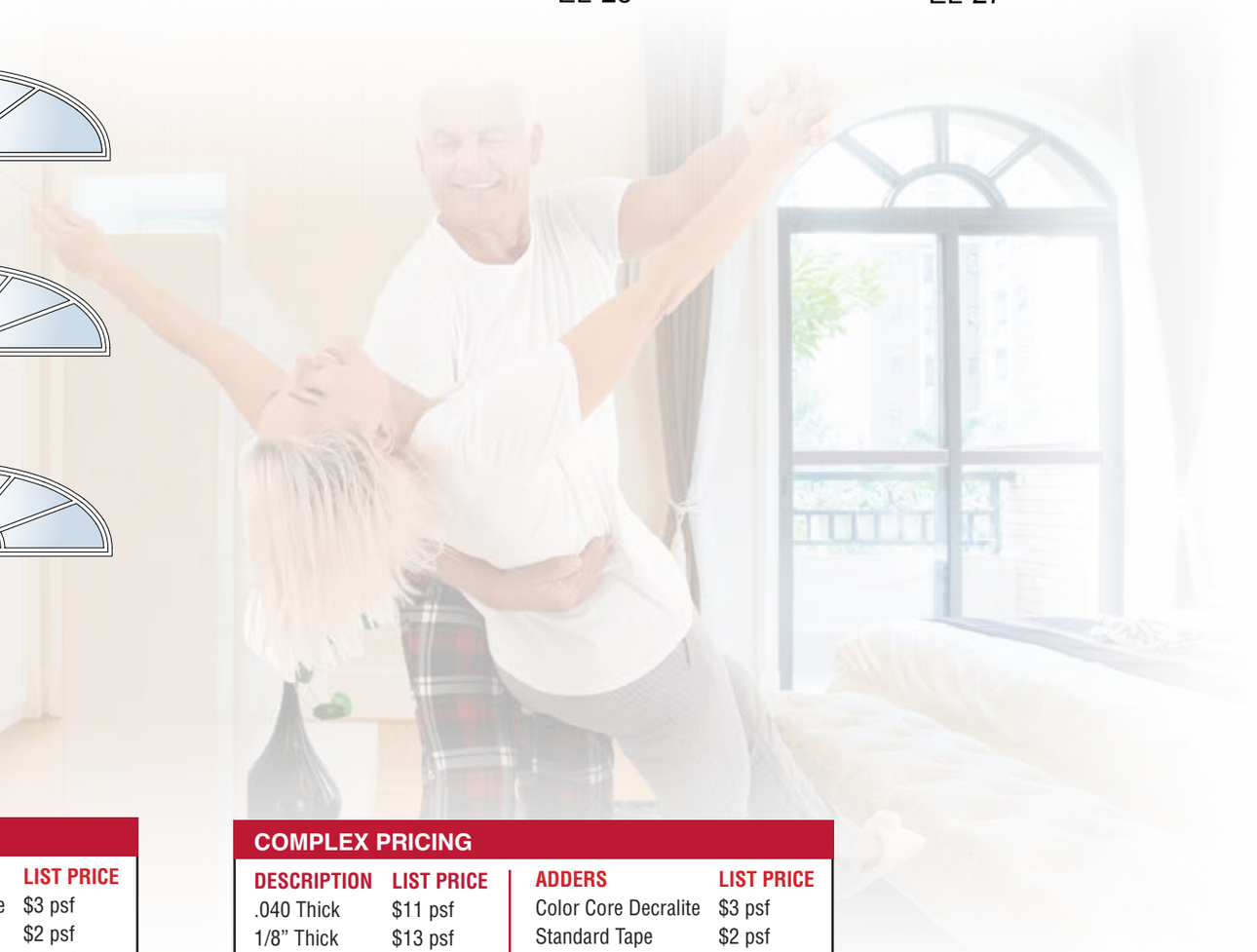
EL-33


EL-34

Complex Ellipticals

EL-25

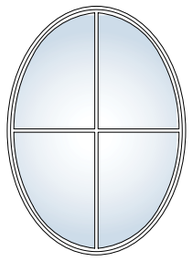
EL-27



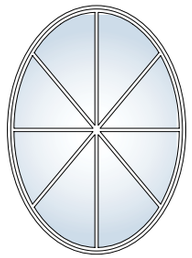
STANDARD PRICING			
DESCRIPTION	**LIST PRICE**	**ADDERS**	**LIST PRICE**
.040 Thick	$6 psf	Color Core Decralite	$3 psf
1/8” Thick	$8 psf	Standard Tape	$2 psf
3/16” Thick	$10 psf	3M Tape	$4 psf
1/4” Thick	$12 psf	Silicone Groove	$2 psf
3/8” Thick	$14 psf		

COMPLEX PRICING			
DESCRIPTION	**LIST PRICE**	**ADDERS**	**LIST PRICE**
.040 Thick	$11 psf	Color Core Decralite	$3 psf
1/8” Thick	$13 psf	Standard Tape	$2 psf
3/16” Thick	$15 psf	3M Tape	$4 psf
1/4” Thick	$17 psf	Silicone Groove	$2 psf
3/8” Thick	$19 psf		

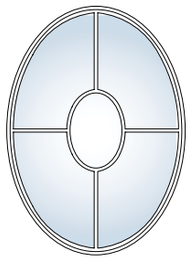
Standard Ovals



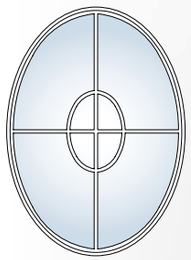
OV-1



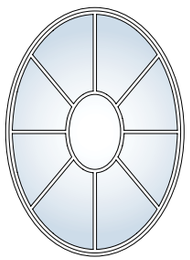
OV-2



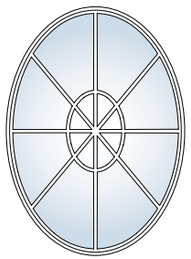
OV-3



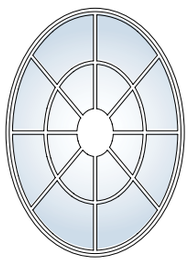
OV-4



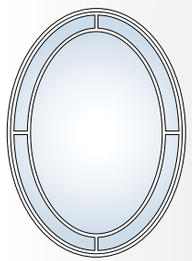
OV-5



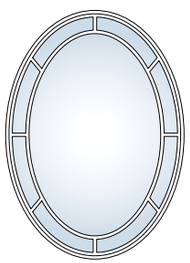
OV-8



OV-9

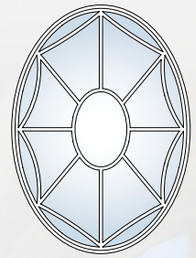


OV-19

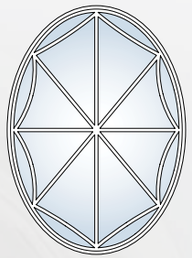


OV-20

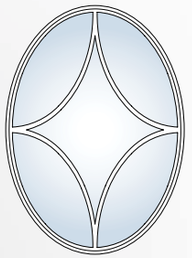
Complex Ovals



OV-11



OV-15



OV-16

STANDARD PRICING

DESCRIPTION	LIST PRICE
.040 Thick	$6 psf
1/8” Thick	$8 psf
3/16” Thick	$10 psf
1/4” Thick	$12 psf
3/8” Thick	$14 psf

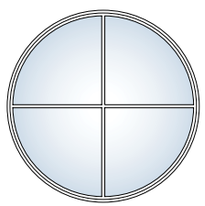
ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

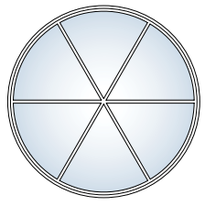
COMPLEX PRICING

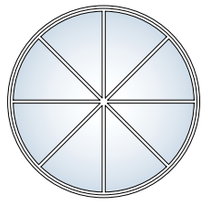
DESCRIPTION	LIST PRICE
.040 Thick	$11 psf
1/8” Thick	$13 psf
3/16” Thick	$15 psf
1/4” Thick	$17 psf
3/8” Thick	$19 psf

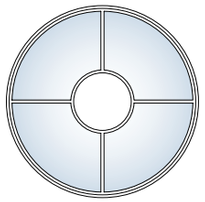
ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

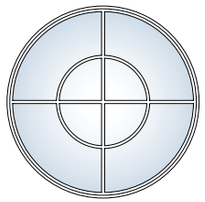
Standard Circles

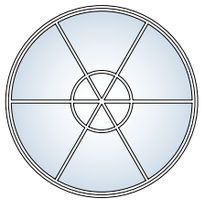

CI-1

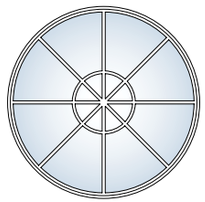

CI-2

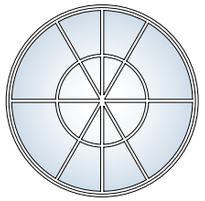

CI-3

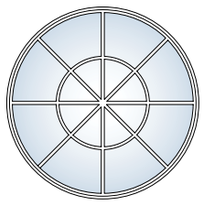

CI-4

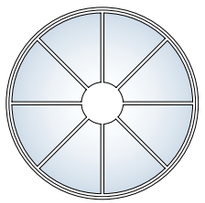

CI-5


CI-6


CI-7


CI-8


CI-9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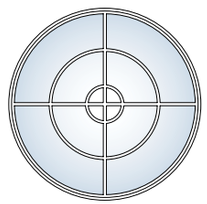
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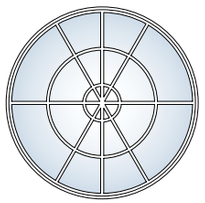
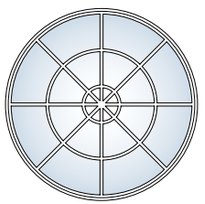
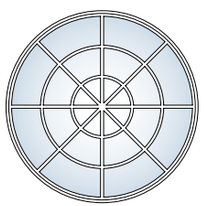
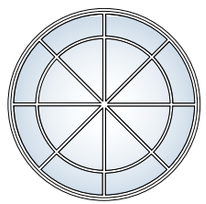

CI-13


CI-15


CI-16

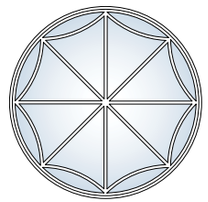

CI-32

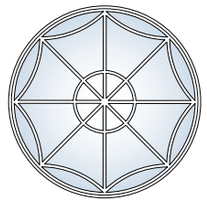
STANDARD PRICING

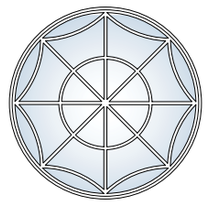
DESCRIPTION	LIST PRICE
.040 Thick	$6 psf
1/8” Thick	$8 psf
3/16” Thick	$10 psf
1/4” Thick	$12 psf
3/8” Thick	$14 psf

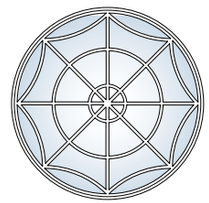
ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

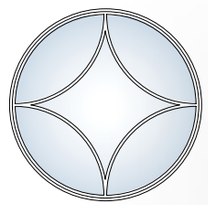
Complex Circles


CI-20


CI-21


CI-24


CI-26

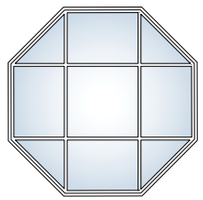

CI-30

COMPLEX PRICING

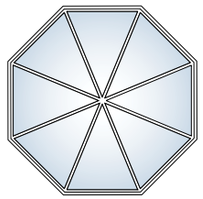
DESCRIPTION	LIST PRICE
.040 Thick	$11 psf
1/8” Thick	$13 psf
3/16” Thick	$15 psf
1/4” Thick	$17 psf
3/8” Thick	$19 psf

ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

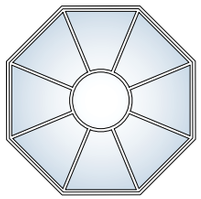
Standard Octagons



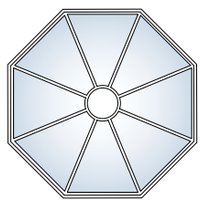
OC-1



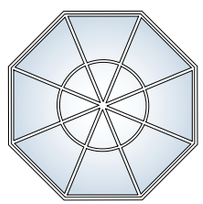
OC-2



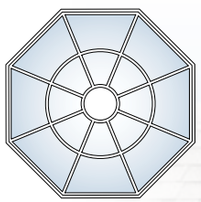
OC-3



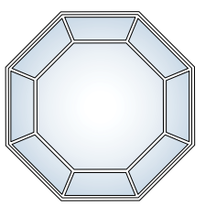
OC-4



OC-5

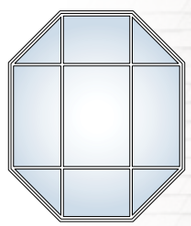


OC-6



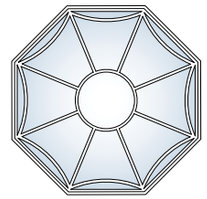
OC-20

Extended Octagon

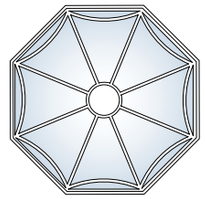


OC-20
EXTENDED

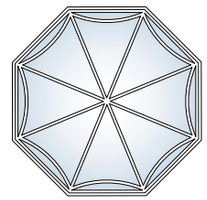
Complex Octagons



OC-9



OC-11

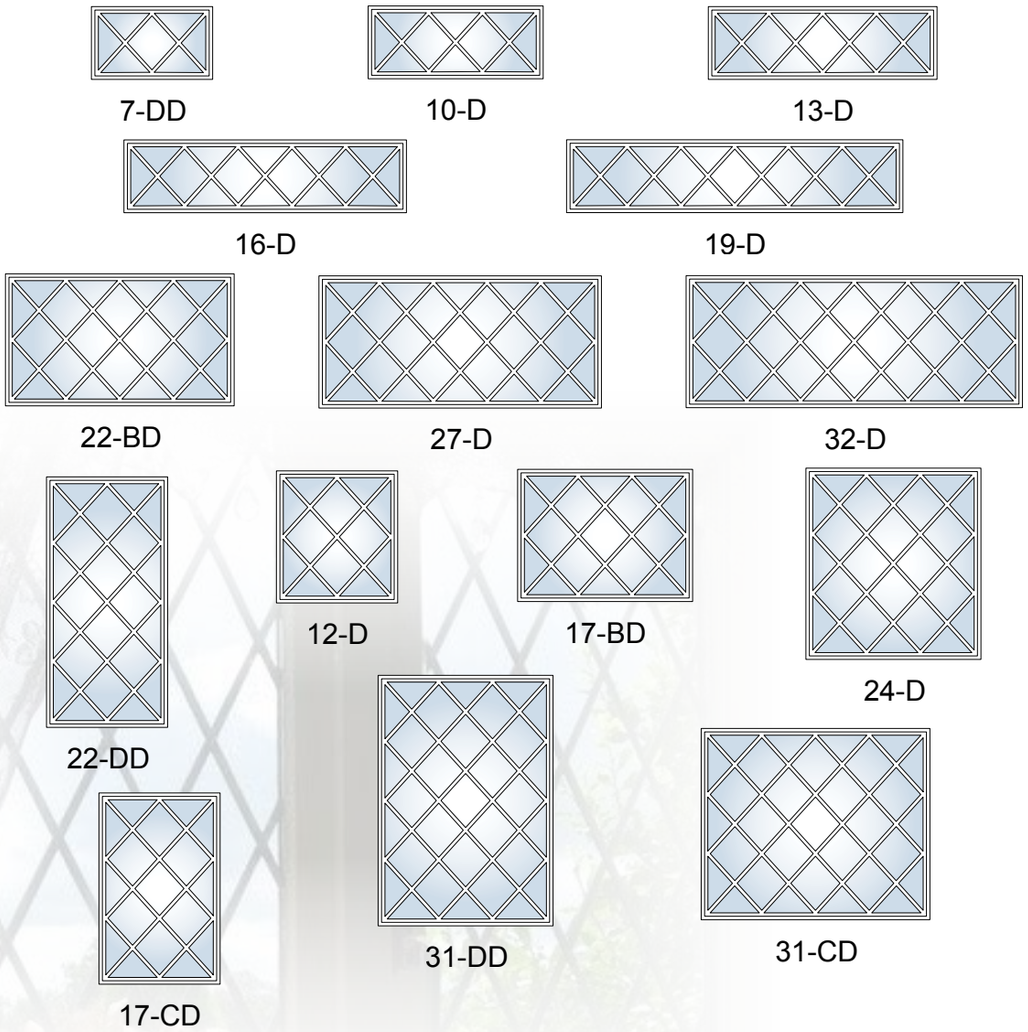


OC-13

STANDARD PRICING			
DESCRIPTION	**LIST PRICE**	**ADDERS**	**LIST PRICE**
.040 Thick	$6 psf	Color Core Decralite	$3 psf
1/8” Thick	$8 psf	Standard Tape	$2 psf
3/16” Thick	$10 psf	3M Tape	$4 psf
1/4” Thick	$12 psf	Silicone Groove	$2 psf
3/8” Thick	$14 psf		

COMPLEX PRICING			
DESCRIPTION	**LIST PRICE**	**ADDERS**	**LIST PRICE**
.040 Thick	$11 psf	Color Core Decralite	$3 psf
1/8” Thick	$13 psf	Standard Tape	$2 psf
3/16” Thick	$15 psf	3M Tape	$4 psf
1/4” Thick	$17 psf	Silicone Groove	$2 psf
3/8” Thick	$19 psf		

Diamonds

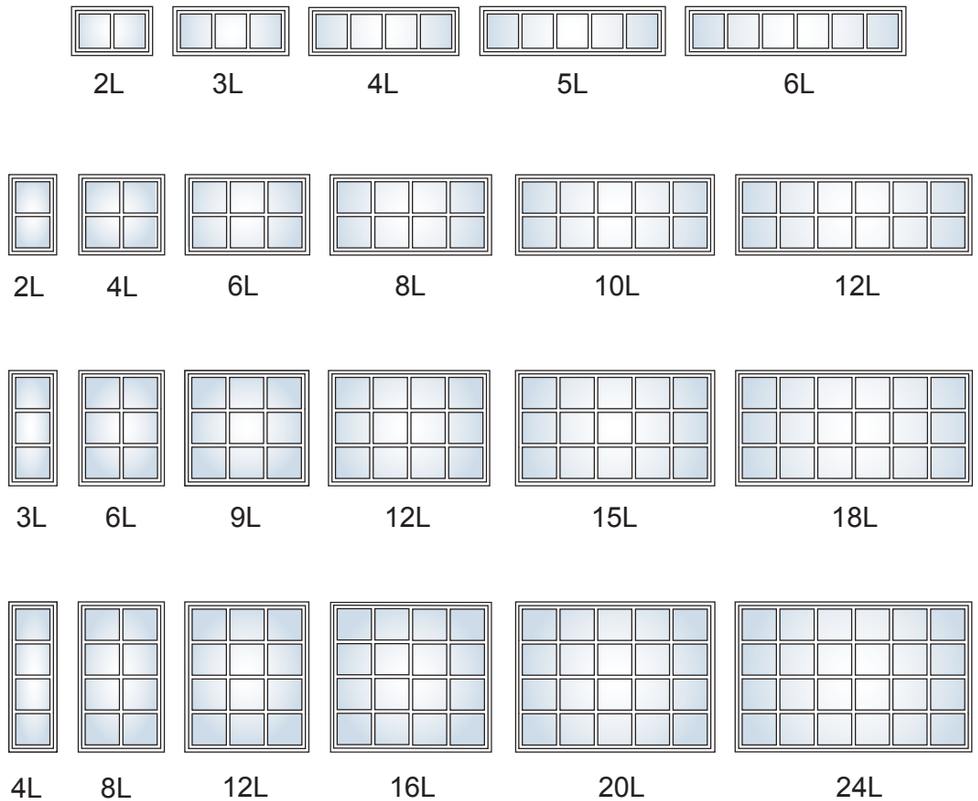


STANDARD PRICING

DESCRIPTION	LIST PRICE
.040 Thick	$6 psf
1/8” Thick	$8 psf
3/16” Thick	$10 psf
1/4” Thick	$12 psf
3/8” Thick	$14 psf

ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

Rectangles

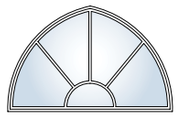


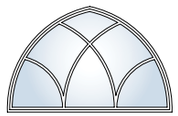
STANDARD PRICING

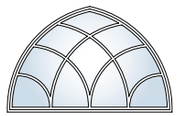
DESCRIPTION	LIST PRICE
.040 Thick	$6 psf
1/8” Thick	$8 psf
3/16” Thick	$10 psf
1/4” Thick	$12 psf
3/8” Thick	$14 psf

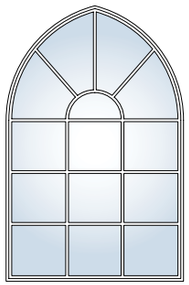
ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

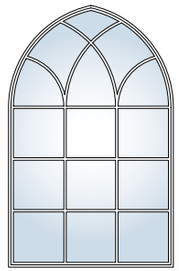
Other Shapes

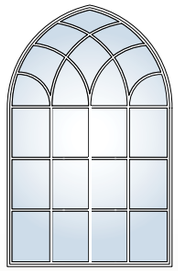

CA-8

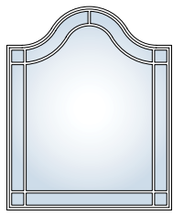

CA-54


CA-55


CA-8, 9L


CA-54, 9L


CA-55, 9L



With Decralite, if you can draw it we can make it!

If you do not see your desired grid pattern in this brochure,
we can make it. *It will be billed at Complex Pricing.*

COMPLEX PRICING

DESCRIPTION	LIST PRICE
.040 Thick	$11 psf
1/8” Thick	$13 psf
3/16” Thick	$15 psf
1/4” Thick	$17 psf
3/8” Thick	$19 psf

ADDERS	LIST PRICE
Color Core Decralite	$3 psf
Standard Tape	$2 psf
3M Tape	$4 psf
Silicone Groove	$2 psf

Decralite® Application Instructions

Mounting System	Function	Mounting Photo
Tape	Very High Bond, Clean Sight Lines	
Silicone	Ease of Installation Lower Cost Application	

Preparing the Surface

To prepare for the installation process, the installer will start things off by washing their hands thoroughly. After they do this, they get the glass ready by cleaning it with a solution of saline and isopropyl alcohol using a lint-free wiping cloth. The glass is left to dry completely, and from this point on, the installer will avoid putting their hands directly on the glass to minimize residue.

Placing and Setting the Decralite® SDL Product

Once the surface of the glass has been cleaned, a centerline pencil mark will be added to the grid and grid point on the sash to help with alignment. Then, with the backer paper still on the Decralite® SDL product, the installer places the product on the window glass within the sash.

The installer looks for a good, dry fit, which means there is no stress on the SDL product after placement, there is enough space on either side of the sash, and the mounting temperature in the area is somewhere between 50 and 100 degrees Fahrenheit. The SDL product can then be set by peeling off the backer paper in small sections and rotating it at a 45-degree angle. After doing this, the installer will double check for levelness, straightness, and spacing before pressing in the center section.

Finishing Off the Process

After placing and setting the Decralite® SDL product, the installer gets ready for permanent mounting by checking for slight bends and the correct positioning. Finally, the installer can remove the backer paper and push it down onto the window glass a section at a time. Using a hard rubber roller, the installer will apply at least 15 pounds of pressure to every square inch during a process known as “wetting out” the adhesive.

The process for installing a Decralite® SDL product takes several steps, but when done properly, windows and glass can take on an entirely new and interesting look. if you have any questions about our installation process or any of the Decralite® products we use, call us today!

Decralite® Tapered SDL products are an excellent way to enhance windows and other glass products. At Custom Glass Products, we follow a specific process during installation and when the guidlines listed above are used, you can be assured of a quality outcome.

Lineal Bars and Distribution Programs

At Custom Glass Products, we offer distributors customized incentive, quantity, and bundle pricing on Decralite® SDL & GBG products and components. Every order is arranged by a dedicated, ongoing sales representative for your convenience.

DECRALITE® SDL

Our SDL Products – Simulated Divided Light grids for windows and doors – provide the timeless appeal of divided light looks, with unsurpassed custom options.

DECRALITE® GBG

Our GBG (Grid Between Glass) Products deliver all the maintenance-free convenience and durability that make GBG windows so popular, plus benefits that only CGP brings you.

DISTRIBUTOR PROGRAM

Custom Glass Products offers Distributors customized incentive, quantity and bundle pricing of Decralite® SDL & GBG products and components, arranged by a dedicated, ongoing sales representative for your convenience.benefits that only CGP brings you.

We deliver our products and services nationwide!

Winner of 2016 National Green Award from *Door & Window Market Magazine*

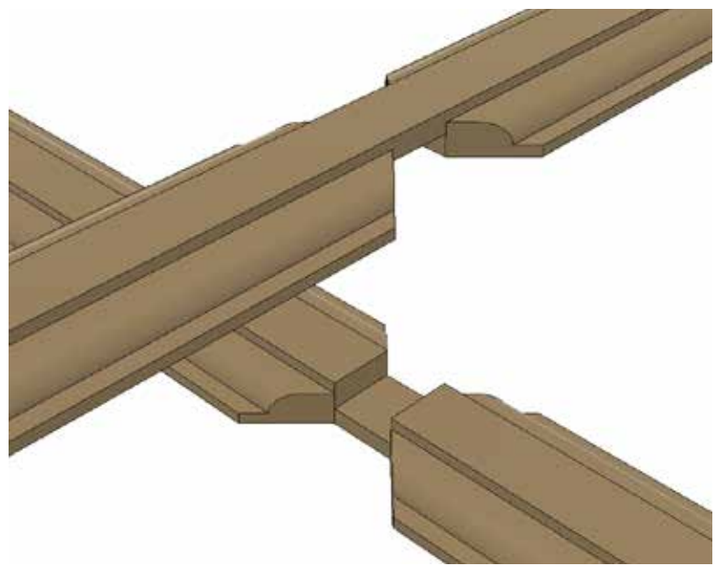
Why should you choose Custom Glass Products as your distributor?

- We have solid connections throughout our industry.
- We create, design, and produce Decralite® products to save you time.
- We offer the industry's most comprehensive selection of shapes, profiles, colors, and options.

Pre-Cut and Notch Pricing

Custom Glass Products now has limited availability of pre-cut and notched lineal bars for double hung, picture window, and casement window applications. Made with 100% Decralite® plastic, this product is extremely durable and tougher than the foamed vinyl products. Made to exacting tolerances we feel this product fulfills a need currently not met in the market.

Pricing for pre-cut and notched programs are available from your sales representative. Since each program is unique, Custom Glass products will only provide quotations on a program by program basis. Please consult your sales representative for more information.



Decra-Tech

Enter a new era with CGP's new Decra-Tech line of SDL bars and check rails. Our patent-pending technology allow us to match and create any finish, color or style you can create. These simulated wood bars are perfect for looks, quality and durability on any residential or commercial property.

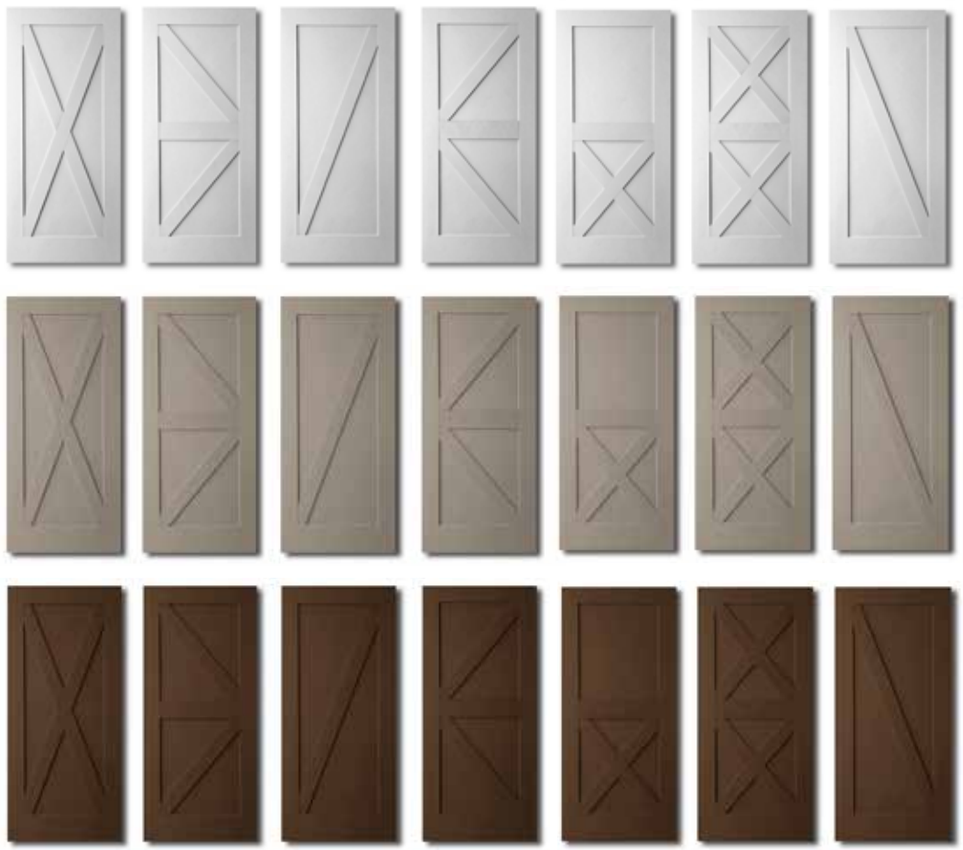
This new and innovative way of manufacturing SDL bars is exclusive to Custom Glass Products and provides endless possibilities for color and design for years to come. Built on the motto "If you can draw it, we can make it", our newest product does not just live up to the motto but surpasses it.

Custom Glass Products' *Decra-Tech* Line is now available. For more information, please contact your CGP Sales Representative.

Barn Door Components

Stay on the cutting-edge of current design trends with Decralite barn door products. These products offer a level of functionality, and a unique design in any space. Our barn door products come in multiple configurations. Submit your size requirements and design preferences, and we can help you go through our barn door products and select the option best fit for your project.

Decralite is eco-friendly and Prop 65 certified making it perfect material for barn doors that withstand general wear and tear in any space. Feel confident installing our barn door products during any project, knowing that your clients will be happy with their look, functionality, and durability.



Other Terms

Technology: Custom Glass Products is able to accept grid drawings if .dxf or .dwg file formats. If your company currently uses CAD or engineering programs to draw your window components, contact Decralite Customer Service or Sales to find out how to transmit your order via email to our Customer Service Department. This transmission can greatly increase accuracy and reduce miscommunications which may occur when ordering products.

Limited Warranty: Custom Glass warrants only to the original nonconsumer customer for a period as determined under the respective warranty documents as published for Insulating Glass and Decralite Grids by Custom Glass. Please contact your sales representative for a copy of the Limited Warranty. Custom Glass will not in any event be liable to the customer for consequential or incidental damages of any kind, whether for defective or nonconforming products, breach, or any term or condition or reason.

Freight: Delivery of products and all quotations provided are FOB our dock. For any items arranged for pick up by common carrier or customer's truck, Custom Glass will not be responsible for loss, damage, or delay caused by the carrier. The customer will be responsible for filing any and all claims with regard to freight damage claims.

Invoice Terms: Custom Glass Products' net selling terms are thirty (30) days from date of invoice. Invoices not paid within the net thirty day terms are subject to interest charges of eighteen percent (18) per annum. A cash discount of one (1) percent will be allowed for payments of the purchase price of products only if paid within or postdated within ten (10) days from the date of invoice. Custom Glass Products is not liable for any manufacturer's tax, sales tax, excise tax, duty, custom, inspection, fee, other tax or charge whatsoever and by whomever imposed. Such taxes or fees will be paid by the customer in addition to the prices quoted or invoiced by Custom Glass Products.

Custom Glass Products maintains a full service CAD department. CAD drawing services are available to our customers for prototype drawings or special project drawings. Our fee structure for this service is $50.00 per drawing or per prototype.

Lead Time: Our standard lead time for most orders is three to four days. Expedited delivery service is available with the following surcharges:

Same Day Shipment: 50%
Next Day Shipment: 30%

*** These services are available only at our discretion and therefore require confirmation by Customer Service.*

Other Services

Ordering Guide: Custom Glass Products has published this ordering guide to assist your purchasing department in ordering grids. This guide and ordering sheets are available upon request. In addition, Custom Glass Products will offer to assist in training your staff on using the guide and ordering sheets. Ask your Sales Representative for information on this time saving program.

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