

If you can draw it, we can make it.

ResidentialProduct Line



Windows & Doors Grids & Components







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Add a touch of class to any window or door – in every shape, profile, color and option.











CGP Introduction

Windows make the room. We add class to windows and doors – in every shape, profile, color and option.



CGP started in 1971, changing the industry with new patents and unlimited customization. If you're sourcing Made in the USA door and window components, CGP really does have it all. And, if you don't see what you're looking for, just ask us.

"If you can draw it, we can make it."

Here are 9 reasons why you should choose CGP:

Get in touch with us

Custom Glass Products

1475 Harrison Road P.O Box 2049 Salisbury, NC 28144 704-638-2299 704-638-2666 fax orders@cgpglass.com









- Your total outsourcing window & door component partner ... Our Culture of Now gives you immediate and live sales support, ENOME (electronic nomenclature) and JIT delivery - for a seamless, transparent and easy business relationship.
- 2. Industry's most comprehensive offering of shapes, profiles, colors and options ... We are wide and deep i.e. if you can draw it, we can make it.
- 3. Customized services for color and profile matching, artistic design and engineering support ... From single components to large turn-key projects, we can help you every step of the way.
- 4. Inventors and owners of three (3) patents for Decralite grid products... We create, design and produce Decralite to save you time, labor, energy and money.
- 5. Specialists in patented processes ... Our employees are cross-trained on the fast production of specialty grids & windows for architectural shapes and special customization.
- 6. Scalable proprietary equipment for one-of-a-kind or volume orders ...
 Our two facilities include redundant support, to ensure you have what you need when you need it.
- 7. Our manufacturing process is environmentally friendly ... Everything we manufacture is recyclable, including grids, glass and frames.
- 8. Well connected to your industry... As a leader in glass and specialty shapes, we have long-standing relationships with reputable suppliers and vendors.
- 9. Made in the USA ... Custom Glass Products has been American owned since its founding in 1971.



Market Overview - Residential

Components for every residential application

Markets & Drivers

Homeowner	replacement and repair
Architect	curb appeal & historical renovation
Builder	differentiation and curb appeal
Distributor	easy access and value add
Manufacturing	flexibility & dependability



Products & Advantages

Decralite® SE	OL Now you can get the look of true divided light with an externally attached grid. Unlimited shapes, colors and profiles are available in standard and customized options. Works well for all windows and doors on any size project.
Decralite® GB	Get the look of divided light with an in Unlimited shapes, colors and profiles a customized options. Works well for all



	and doors on any size project.	
Decralite® GBG	Get the look of divided light with an in Unlimited shapes, colors and profiles customized options. Works well for all size project.	are available in standard and
Insulating Glass	Lower your energy consumption with	the right type of glass

	insulated glass for any climate or creative design.
	comprehensive offering of colors, sizes and shapes. We make
	designed specifically for your location. Choose from a
Insulating Glass	Lower your energy consumption with the right type of glass

Door Inserts Choose from unlimited glass, grid, and color options, for new and replacement door inserts. Available with Decralite SDL or GBG grids, for front and rear entry, steel and fiberglass doors.

low Services	For window manufacturers, let's create a customized program
	to fit your requirements. As an industry leader, our patented
	processes are scalable and focused on fast production of complex
	architectural shapes. We're your total outsource partner.

www.cqpqlass.com www.cqpqlass.com

Wind





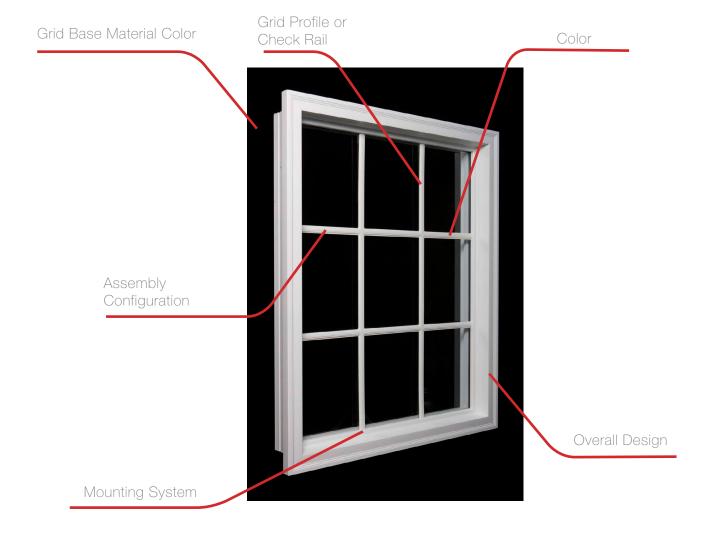
Decralite® SDL

Selection Process Steps

Decralite® SDL from CGP glass the industry leader.

Patented Decralite® SDL (Simulated Divided Lite) grilles provide the look of TDL (True Divided Lite) windows at a much lower cost. Decralite® is the industry leader in providing SDL solutions for the window industry and remodeling trade. We offer a wide variety of standard profiles, and our inhouse tooling makes custom profiles a breeze.

Use the Following Process Steps to Select your SDL Window



Decralite® SDL

Selection Process Steps

Choose:

1. Grid Base Materials Color



3. Grid or Check Rail profile



5. Choose SE Mounting System



2. Assembly Configuration



4. Choose Color



6. Overall Design







IDecralite® SDL

Selection Process #1 of 6

Choose Grid Base Materials Color

Choose Grid Base Material	Features/ Benefits	Choose Base Material Color	Color Photo
Decralite Standard	Lowest Cost Time Tested Machinable Paintable	White Only	
		Bronze	
		Tan	
5	Multiple Colors to Match Surface Color	Green	
Decralite	Scratch Diffusing and	Black	
Color Core	Diminishing Design	Clay	
	Paintable	White	
		Note: Custom "Color Core" options are also available.	
Aluminum	Commercial Grade Performance	Solid Core Aluminum	
,	Available in Solid and Hollow Profiles	Hollow Core Aluminum	
Solid Wood	Stainable Real Wood Performance	Oak	State of the second
	Paintable	Pine	

|Decralite® SDL

Selection Process #2 of 6

Choose Assembly Configuration

Assembly Configuration Selection

,					
Assembly Configuration	Decralite [*]	Decralite Color Core	Aluminum	Wood	Assembly Line Drawing
One Piece Finished Grid – Ready to install	yes	yes	no	no	>
Cut & Notched All components – Unassembled & shipped flat	yes	yes	no	yes	
Coped All individual components – Unassembled & shipped flat	yes	yes	yes	yes	
Lineal Bars 8' Individual Bars – Unassembled, shipped flat and uncut	yes	yes	yes	yes	





|Decralite® SDL

Selection Process #3 of 6

Choose Grid Profile or Check Rail

SDL Profile Selection

Call CGP to discuss our unlimited custom profiles

ODE I TOME DEIGOROTI			
Туре	Grid Profile	Typical Pro- file Photo	
Decralite®	Flat		
	OG	4	
	PT	4	
	ST	4	
	MI		
	KI		
	EX		
	FA	4/	
	RC	4	

4

Decralite® SDL

Selection Process #3 of 6

Choose Grid or Check Rail Profile

Choose Grid or Check Rail Profile Selection

Туре	Check Rail Profile	Typical Profile Photo
Decralite®	Flat	
	OG	
	PT	
	MI	
	TD	
	TR	11/
	TL	
	WX	
Aluminum	Flat	





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IDecralite® SDL

Selection Process #4 of 6

Choose Color

SDL Profile Selection

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

Туре	SDL Grid Color	Color Photo
Decralite®	Flat White 9313	
	Gloss White 8166	
	Tan 1315	
	Beige 1395	
	Sand 1171	
	Dark Bronze 0260	
	Chocolate 0864	
	Black 0244	
	Forest Green 0659	
	Red 0532	
	Light Oak 4145	
	Mahogany 4124	
Aluminum	White	
	Tan	
	Bronze	
	Black	
Wood	Natural	

IDecralite® SDL

Selection Process #5 of 6

Choose Mounting System

SDL Mounting System

Mounting System	Function	Mounting Photo
Tape	Very High Bond, Clean Sight Lines	
Silicone	Ease of Installation, Lower Cost Application	
Dual Lock	For Removable Grids, Stronger than clips, Lower Cost	





|Decralite® SDL

Selection Process #6 of 6

Choose Overall Design

SDL Grid Design

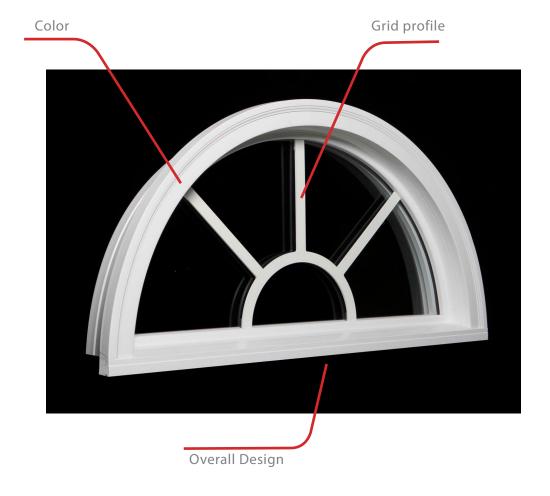
Call CGP to discuss our unlimited overall designs.

Typical Design*	Typical Sample	Appendix Page (click for more designs)
Rectangles 6L		page 41
Diamonds 12- D		page 42
Half Rounds HR-8		page 43
Eyebrows EH-3		page 44
Quarter Rounds QR-4		page 45
Ellipticals EL-34		page 46
Ovals OV-5		page 47
Circles CL-4		page 48
Octagons OC-1		page 49

Decralite GBG Overview

The Perfect Choice For Between-the-Glass Grids

Decralite® is the perfect choice for between-the-glass grids. Many homeowners prefer grids between the glass, as it provides beauty with maintenance-free characteristics. Decralite® is available in colonial or contoured profiles, custom color and two-tone. We provide most the common design elements; however, if you have another need, let us know. If you can draw your idea for us, we can make it for you!



Note: Compatible with all insulating glass



C G P

Decralite GBG

Selection Process Steps

Choose:

1. Grid Profile





3. Overall Design



Decralite GBG

Selection Process #1 of 3

Choose Grid Profile

GBG Profile Selection

CGP grid profiles are compatible with all insulating glass.

		9,400
Туре	GBG Grid Profile	Typical Profile Photo
Decralite	Flat	
	Contour "A"	
	Contour "B"	
Aluminum	Flat	
	11/16" Contour	
	1" Contour	





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IDecralite GBG

Selection Process #2 of 3

Choose Color

GBG Color Selection

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

Name	GBG Grid Color	Profile
Decralite GBG & Aluminum	Standard White 0019	
	Bright White 0018	
	Beige 0020	
	Adobe 0045	
	Sandalwood 0040	
	Chamapagne 0137	
	Chocolate 0120	
	Bronze 0096	
	Black 0038	
	Forest Green 0063	
	Red 0064	

Decralite GBG

Selection Process #3 of 3

Choose Overall Design

GBG Grid Design

Call CGP to discuss unlimited overall design options.

Typical Design*	Typical Sample	Appendix Page (click for more designs)
Rectangles 6L		page 41
Diamonds 12- D		page 42
Half Rounds HR-8		page 43
Eyebrows EH-3		page 44
QuarterRoundsQR-4		page 45
Ellipticals EL-34		page 46
Ovals OV-5		page 47
Circles CL-4		page 48
Octagons OC-1		page 49





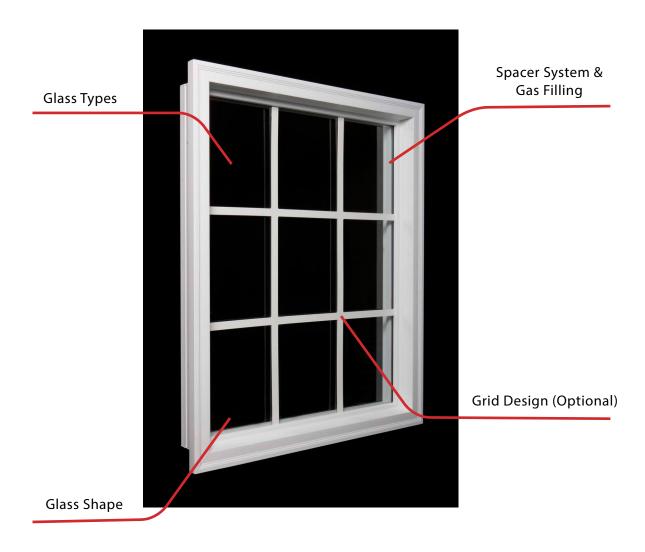


We understand that you might need it ASAP – That's why we have a culture of NOW that gives you immediate and live sales support.

|Decralite®InsulatingGlassOverview

The Latest In High-Performance Glass Options

Custom Glass Products offers the latest in high-performance glass options, including Low-e, argon-filled, double-glazed, triple-glazed, and R-5. As apioneer in the industry, we have been making insulating glass for over 40 years. From custom shapes to other types of specialty glass, Custom Glass Products has a solution to meet any need.





C G P

Insulating Glass

Selection Process Steps

Choose:

1. Glass Types



2. Spacer System & Gas Filling



3. Glass Shape



4. Grid Design (Optional)



Insulating Glass

Selection Process #1 of 4

Choose Glass Types

Glass Type Selection

Note: Call CGP to discuss other available glass types

Application	Glass Type	Features/Benefits	SHGC*	R-Value w/ Argon	Typical Photo
Energy	Clear	clearest, low cost	0.76	2.08	
	Bronze	provides shading, reduces light, pleasant color	0,63	2,08	
	Gray	provides shading, reduces light, pleasant color	0.63	2.08	
	Low-E HC	clearer appearance, improved energy performance, blocks UV	0.71	3.22	Mary Mary 19
	Low-E 272	clear appearance, solid performance, blocks UV	0.41	4.00	THE HALL HAR
	Low-E 240	provides shading, good for high sunlight areas, blocks UV	0.25	3.85	
	Low-E 366	best performing overall, works well in any climate, slight tinted appearance, blocks UV	0.27	4.17	

^{*} Solar Heat Gain Coeficient

Application	Glass Type	Features/Benefits	Opaque Measurement*	Typical Photo
Pattern	62	lowest cost pattern glass, highly obscure, consistent pattern	9	
	Rain	moderately priced, variable pattern, clear wet appearance	8	
	Water	Moderately priced, water wave pattern	6	
	Glue Chip	snow flake appearance, frosted look	7	
	Frosted	solid frosted look, no pattern, very opaque	9	
	Antique Seedy	mimics "old" glass, used for historical renovation, contains imperfections	3	

^{*} Range: Closer to 1 is clearer. Closer to 10 is less transparent and more opaque.

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Insulating Glass

Selection Process #2 of 4

Choose Spacer System

Spacer System Selection

Spacer System	Features/ Benefits	Condensation Resistance	IGU Factor	Typical Photo
Aluminum	time tested, architecturally preferred, strong, can be colored	19.3	0.329	
Duraseal°	improved condensation resistance, "warmer edge temps", works well for shapes	35	0.29	
Super Spacer	lowest edge condensation, warmest edge temp, improved sound absorption	44.9	0.277	

higher is better lower is better

Insulating Glass

Selection Process #3 of 4

Choose Glass Shape

Glass Shape Selection

•	
Glass Shape Name	Shape Drawing
Rectangle	
Half Round	
Extended Half Round	
Eyebrow	
Half Eyebrow	
Extended Eyebrow	
Extended Half Eye- brow	
Quarter Round	
Extended Quarter Round	
Elliptical	
Half Elliptical	
Extended Elliptical	
Ellipse	
Oval	

Octagon	
Extended Octagon	
Circle	
Trapezoid	
Pentagon	
Parallel	
Triangle	
Isosceles Triangle	\triangle
Dual Arch	\bigcirc
Half Dual Arch	00
Segmented Dual Arch	\Diamond
Segmented Quarter Round	
Cathedral	
Extended Cathedral	
Hexagon	

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Insulating Glass

Selection Process #4a of 4

Choose Grid Profile

Insulating Glass Grid Profile Selection Compatible with all insulating glass

Туре	Insulating Glass Grid Profile	Typical Sample
Decralite	Flat	
	Contour "A"	
	Contour "B"	
Aluminum	Flat	4
	11/16" Contour	4//
	1" Contour	

Insulating Glass

Options - Selection Process #4b of 4

Choose Color

Insulating Glass Grid Color Selection custom colors & matching services.

Call CGP to discuss unlimited

		castom colors a matering services.
Name	Insulating Glass Grid Color	Profile
Decralite® & Aluminum	Standard White 0019	
	Bright White 0018	
	Beige 0020	
	Adobe 0045	
	Sandalwood 0040	
	Chamapagne 0137	
	Chocolate 0120	
	Bronze 0096	A grant was
	Black 0038	
	Forest Green 0063	
	Red 0064	





Insulating Glass

Options - Selection Process #4c of 4

Choose Overall Design

InsulatingGlassGridDesign

Call CGP to discuss unlimited overall design options.

Typical Design*	Typical Sample	Appendix Page (click for more designs)
Rectangles 6L		page 41
Diamonds 12- D		page 42
Half Rounds HR-8		page 43
Eyebrows EH-3		page 44
QuarterRoundsQR-4		page 45
Ellipticals EL-34		page 46
Ovals OV-5		page 47
Circles CL-4		page 48
Octagons OC-1		page 49

Door Inserts Overview

Created to Last a Lifetime

Designed And ManufacturedToLastA Lifetime

All Styles, Shapes & Designs–Customized

Our door inserts are designed and manufactured to last a lifetime. They combine beautiful European design with construction that will not deteriorate. Each easy-to-install kit comes complete with screws and plugs, pre-finished color and two-tone. If you choose SDL, our system comes with SDL already applied. We offer many standard sizes, as well as custom sizes and shapes. A wide variety of glass options and unlimited grid options are available for GBG and SDL applications. Upon request, kits are manufactured to match up with the window system used by the builder.

Glass Type





Door Inserts

Selection Process Steps

Choose:

1. Glass Size (Includes Frame)



2. Glass Type



3. Grid Type (Optional)



Door Inserts

Selection Process #1 of 3

Choose Glass Insert Size

GlassSizeSelection

Glass size includes frame. Call CGP to discuss unlimited custom sizes and shapes.









Door Inserts

Selection Process #2 of 3

Choose Glass Type

Glass Type Selection

Call CGP to discuss other available glass types.

Application	Glass Type	Features/Benefits	SHGC*	R-Value w/ Argon	Typical Photo
Energy	Clear	clearest, low cost	0.76	2.08	
	Bronze	provides shading, reduces light, pleasant color	0,63	2,08	
	Gray	provides shading, reduces light, pleasant color	0.63	2.08	Marine Company
	Low-E HC	clearer appearance, improved energy performance, blocks UV	0.71	3.22	way for his
	Low-E 272	clear appearance, solid performance, blocks UV	0.41	4.00	-11 -15 T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Low-E 270	good performance, low-e with slight shading	0.37	4.00	
	Low-E 240	provides shading, good for high sunlight areas, blocks UV	0.25	3.85	
	Low-E 366	best performing overall, works well in any climate, slight tinted appearance, blocks UV	0.27	4.17	

^{*} Solar Heat Gain Coefficient

Application	Glass Type	Features/Benefits	Opaque Measurement*	Typical Photo
Pattern	62	lowest cost pattern glass, highly obscure, consistent pattern	9	
	Rain	moderately priced, variable pattern, clear wet appearance	8	
	Water	moderately priced, water wave pattern	6	MANAGEMENT OF THE PARTY OF THE
	Glue Chip	snow flake appearance, frosted look	7	
	Frosted	solid frosted look, no pattern, very opaque	9	
	Antique Seedy	mimics "old" glass, used for historical renovation, contains imperfections	3	

^{*} Range: Closer to 1 is clearer. Closer to 10 is less transparent and more opaque.

Door Inserts

Selection Process #3 of 3

Choose Grid Type

Print out this form to help you choose between Decralite SDL OR Decralite GBG

Decralite SDL

Choose	Page	Enter Your Choice Below
AssemblyConfiguration	8	
Grid Profile	10	
Color	12	
Mounting System	13	
Overall Design	14	

Decralite GBG

Choose	Page	Enter Your Choice Below
Grid Profile	18	
Color	19	
Overall Design	20	

Call CGP to discuss unlimited grid types. This step is optional.





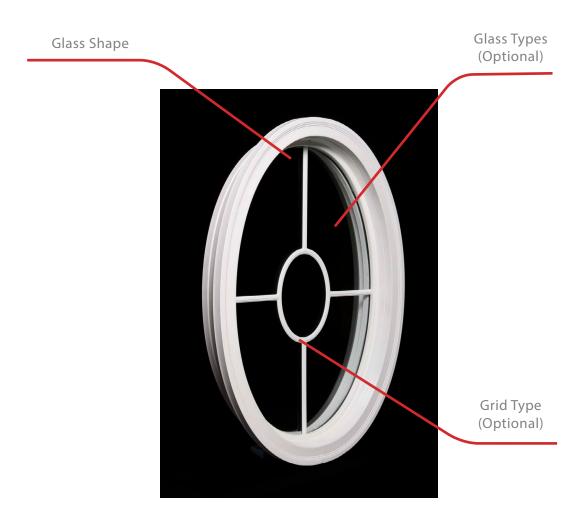


When it's the window, rather than the view outside, that catches your eye – you know we are the portal to your imagination in custom glass.

IWindow Services Overview

Pick your level of outsourced support

For OEM accounts, we offer a service that simplifies architectural shapes. We are extremely proficient with architectural shapes, and therefore, many companies elect to outsource their demand for these products to us. We produce and ship with short lead times.







Window Services

Selection Process Steps

Choose:

1. Glass Shape (Includes frame)



2. Glass Type (Optional)



3. Grid Type (Optional)



Window Services

Selection Process #1 of 3

Choose Glass Shape

Glass Shape Selection

Call CGP to discuss unlimited custom glass sizes and shapes.

	3
Glass Shape Name	Typical Sample
Half Rounds HR-8	
Eyebrows EH-3	
QuarterRoundsQR-4	
Ellipticals EL-34	
Ovals OV-5	
Circles CL-4	
Octagons OC-1	





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Window Services

Selection Process #2 of 3

Choose Glass Type (optional)

Glass Type Selection

Call CGP to discuss other available glass types.

This step is optional.

Application	Glass Type	Features/Benefits	SHGC*	R-Value w/ Argon	Typical Photo
Energy	Clear	clearest, low cost	0.76	2.08	1000
	Bronze	provides shading, reduces light, pleasant color	0,63	2,08	
	Gray	provides shading, reduces light, pleasant color	0.63	2.08	AND
	Low-E HC	clearer appearance, improved energy performance, blocks UV	0.71	3.22	anne E. J.
	Low-E 272	clear appearance, solid performance, blocks UV	0.41	4.00	The state of the
	Low-E 240	provides shading, good for high sunlight areas, blocks UV	0.25	3.85	7919 198
	Low-E 366	best performing overall, works well in any climate, slight tinted appearance, blocks UV	0.27	4.17	

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	Frosted	solid frosted look, no pattern, very opaque	9	
	Antique Seedy	mimics "old" glass, used for historical renovation, contains imperfections	3	

^{*} Range: Closer to 1 is clearer. Closer to 10 is less transparent and more opaque.

Window Services

Optional - Selection Process #3 of 3

Choose Grid Type (optional)

Print out this form to help you choose between Decralite SDL OR Decralite GBG

Decralite SDL

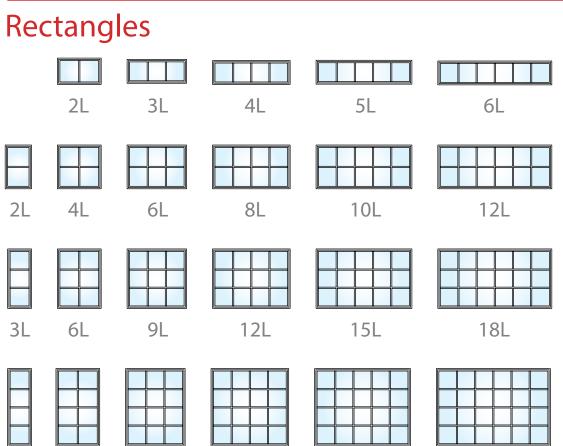
Choose	Page	Enter Your Choice Below
AssemblyConfiguration	8	
Grid Profile	10	
Color	12	
Mounting System	13	
Overall Design	14	

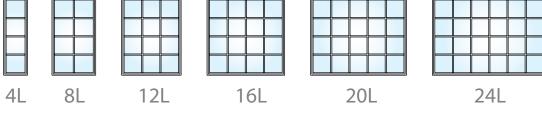
Decralite GBG

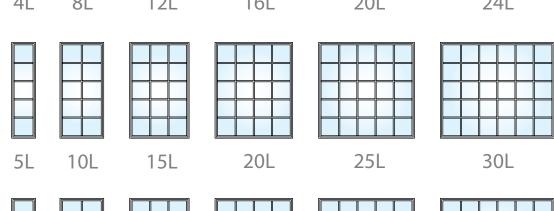
Choose	Page	Enter Your Choice Below
Grid Profile	18	
Color	19	
Overall Design	20	

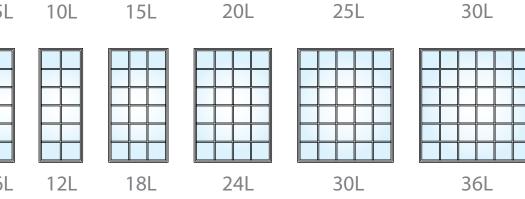






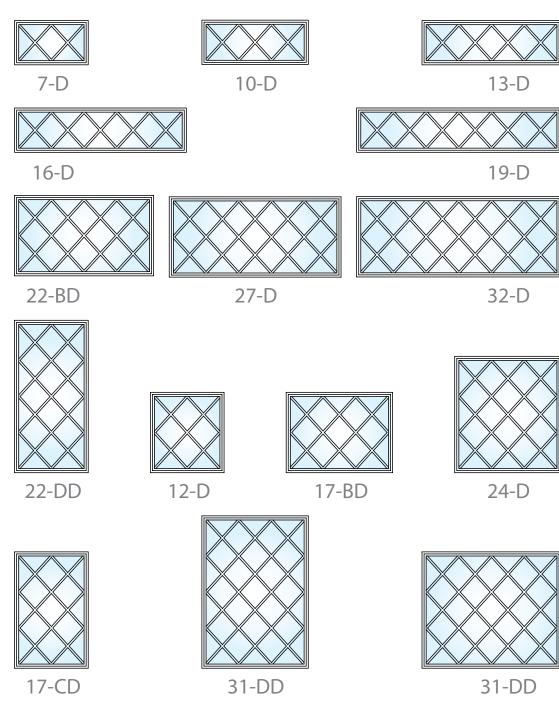






Appendix - Residential Shapes

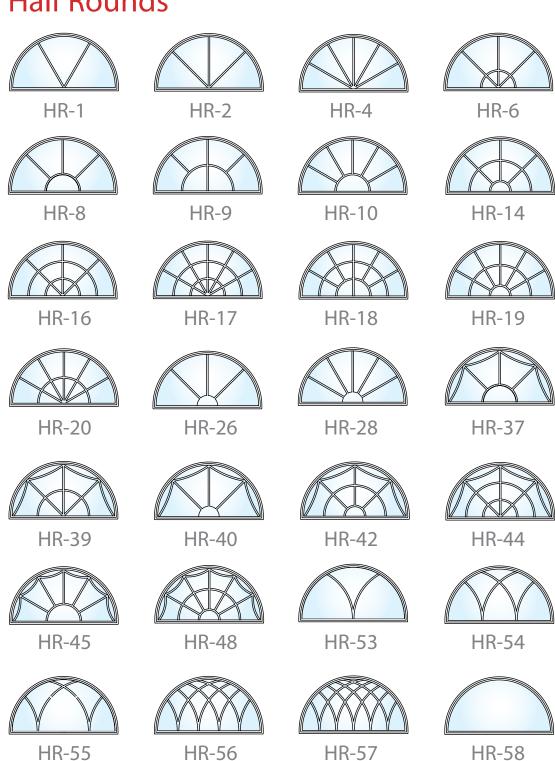
Diamonds





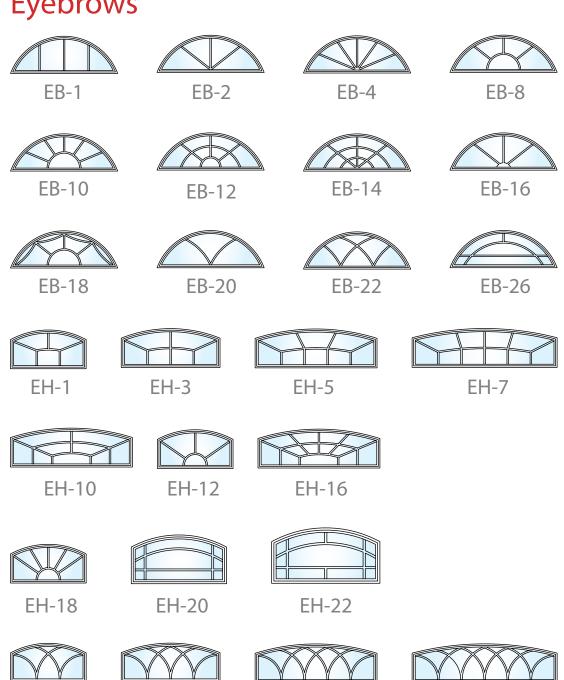


Half Rounds



Appendix - Residential Shapes

Eyebrows



EH-13

EH-15

43

EH-9

EH-11





Quarter Rounds



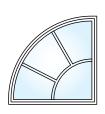
QR-1



QR-2



QR-3



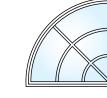
QR-4



QR-7



QR-10



QR-11



QR-12



QR-13



QR-15



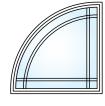
QR-18



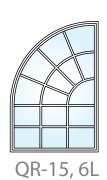
QR-26



QR-28



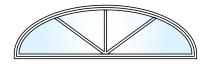
QR-32



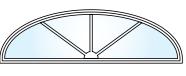
QR-15, 12L

Appendix - Residential Shapes

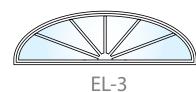
Ellipticals



EL-1

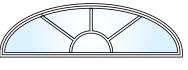


EL-2

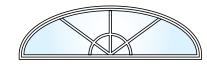




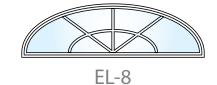
EL-4



EL-5



EL-6



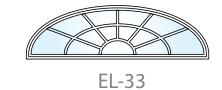










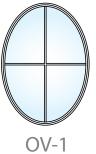






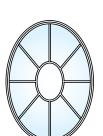


Ovals

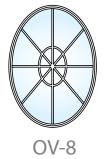












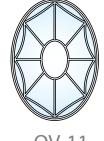
OV-3

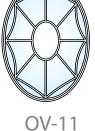


OV-16

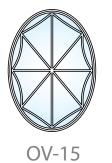
OV-4











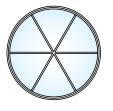


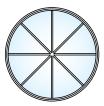
Appendix - Residential Shapes

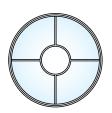
Circles



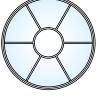


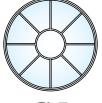








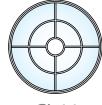


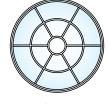














CI-15



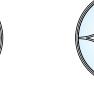
CI-16



CI-20









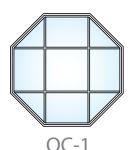


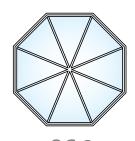
47



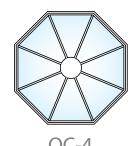


Octagons









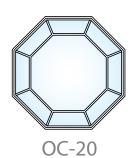














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