



CUSTOMGLASSPRODUCTS

If you can draw it,
we can make it.

Commercial Product Line



Windows & Doors Grids & Components

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



Click the subject that interests you, to go directly to that page.

CGP Introduction

Add class to your commercial 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@cpgpglass.com



1. 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 - Commercial

Add commercial value to every age, type, segment and building application, including: education, institutional, office, condominiums, vacation, time shares, event centers and restaurants.

Markets & Drivers

New Construction	Energy efficient products; durable; long lasting. 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.
Renovation & Remodel	Deep and wide offering; Ease of selection and installation; 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.
Historical Preservation	Customized services for color and profile matching, artistic design and engineering support ...We help you maintain the historical look of the property (ie Warren Easton school, Loyola University)



Products & Advantages

Commercial SDL	Create a distinctive look for your property;
Insulating Glass	Save energy with the latest in high performance Low-E coatings.
Door Inserts	Choose an easy install from the industry's most comprehensive offering of shapes, profiles, colors and options.

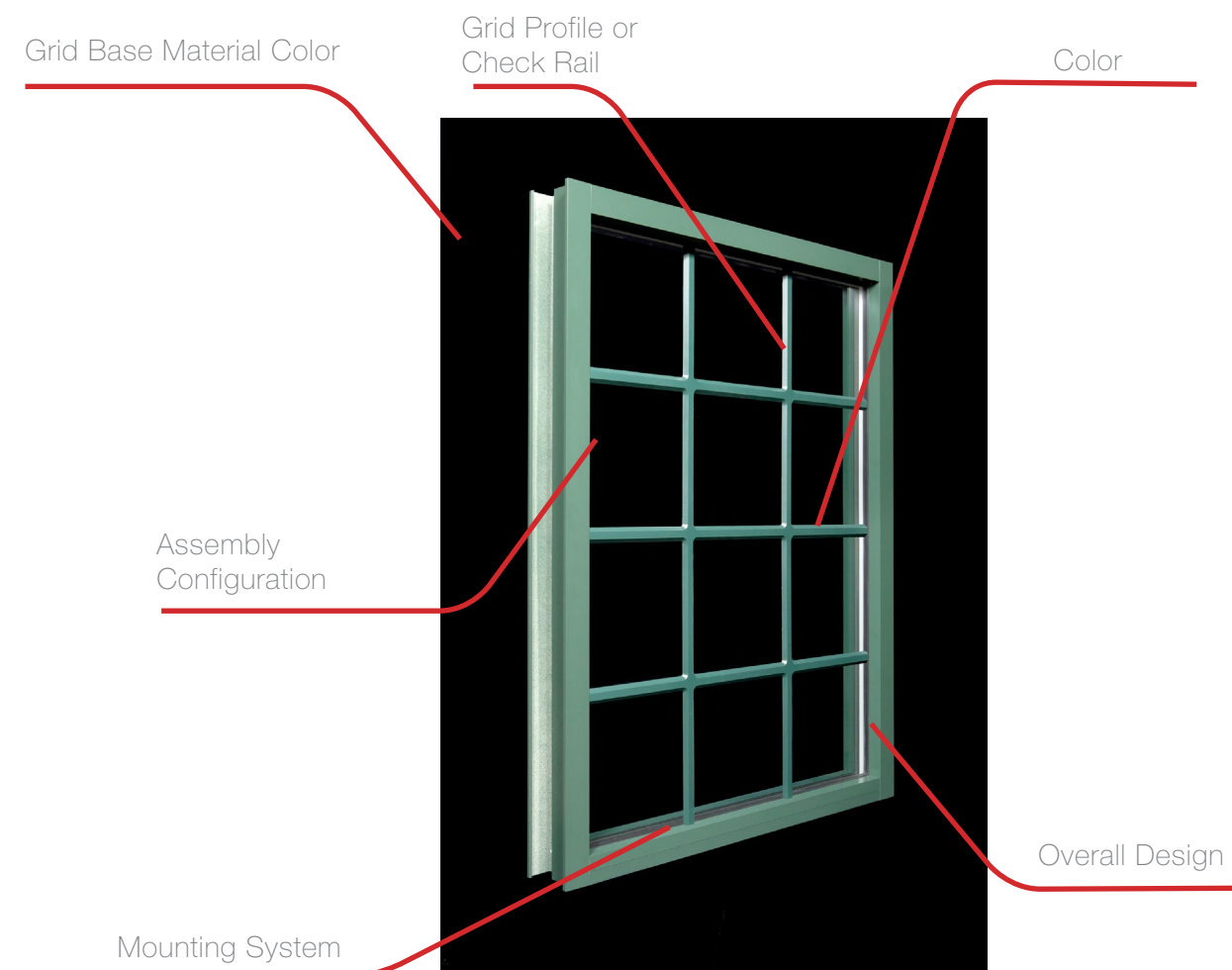
Decralite® SDL

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 in-house tooling makes custom profiles a breeze.

Use the Following Process Steps to Select your SDL Window

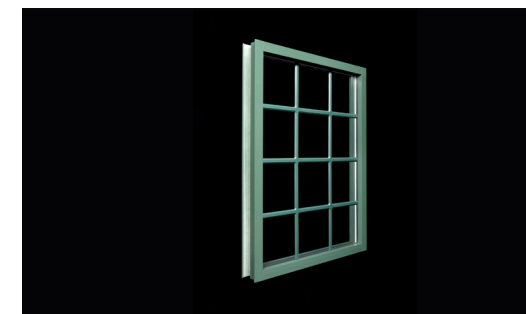


Decralite® SDL

Selection Process Steps

Choose:

1. Grid Base Materials Color



2. Assembly Configuration



3. Grid or Check Rail profile



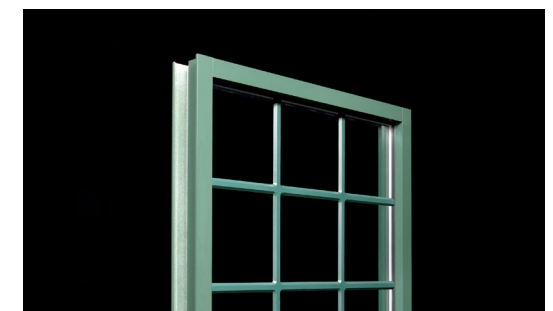
4. Choose Color



5. Choose SE Mounting System














6. Overall Design



Decralite® SDL

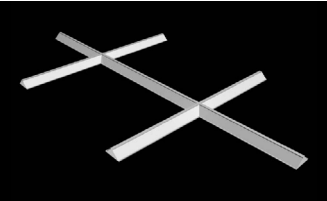
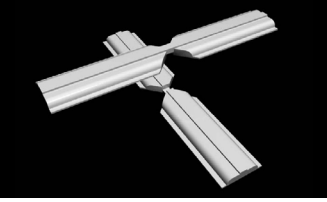
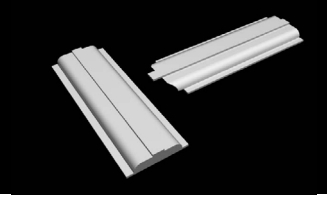
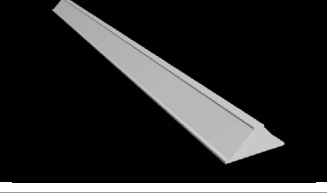
Selection Process #1 of 6
Choose Grid Base Materials Color

Choose Grid Base Material	Features/ Benefits	Choose Base Material Color	Color Photo
Decralite Standard	Lowest Cost Time Tested Machinable Paintable	White Only	
Decralite Color Core	Multiple Colors to Match Surface Color Scratch Diffusing and Diminishing Design Paintable	Bronze	
		Tan	
		Green	
		Black	
		Clay	
		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 Paintable	Oak	
		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	

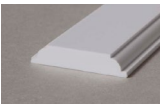

Decralite® SDL

Selection Process #3 of 6
Choose Grid Profile or Check Rail

SDL Profile Selection

Call CGP to discuss our unlimited custom profiles




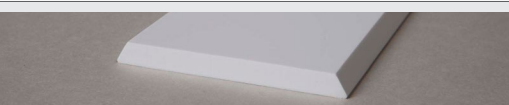


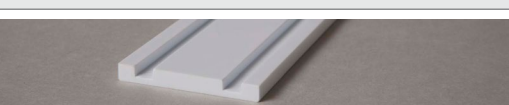
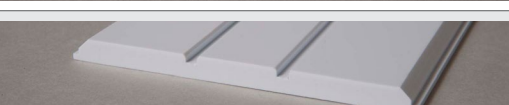
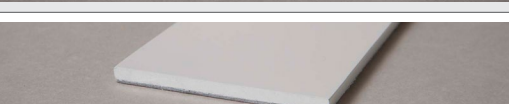
Type	Grid Profile	Typical Profile Photo
Decralite®	Flat	
	OG	
	PT	
	ST	
	MI	
	KI	
	EX	
	FA	
	RC	

Decralite®	AL	
	CG	
	XL	
Aluminum	Flat	
	Tube	
	OG	
	AD	
Wood	OG	

Decralite® SDL

Selection Process #3 of 6
Choose Grid or Check Rail Profile

Choose Grid or Check Rail Profile Selection













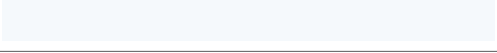
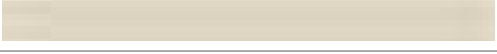



Type	Check Rail Profile	Typical Profile Photo
Decralite®	Flat	
	OG	
	PT	
	MI	
	TD	
	TR	
	TL	
	WX	
Aluminum	Flat	

Decralite® SDL

Selection Process #4 of 6
Choose Color

SDL Profile Selection



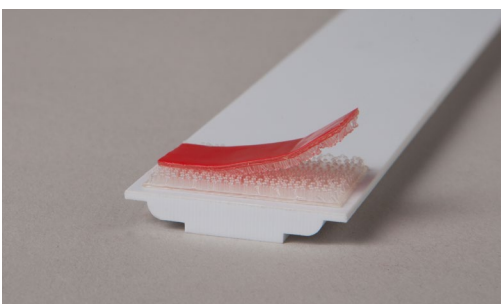
Call CGP to discuss our color matching services and unlimited custom colors

Type	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	

Decralite® SDL

Selection Process #5 of 6
Choose Mounting System

SDL Mounting System





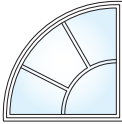

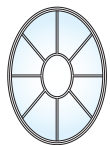
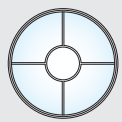
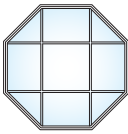
Mounting System	Function	Mounting Photo
Tape	Very High Bond, Clean Sight Lines	
Silicone	Ease of Installation, Lower Cost Application	
Dual Lock	For Removable Grids, Stronger than clips, Lower Cost	

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

New Construction Commercial Products

- » Decralite® SDL
- » Rectangles
- » Diamond Patterns
- » One Piece



Historical Preservation Commercial Products

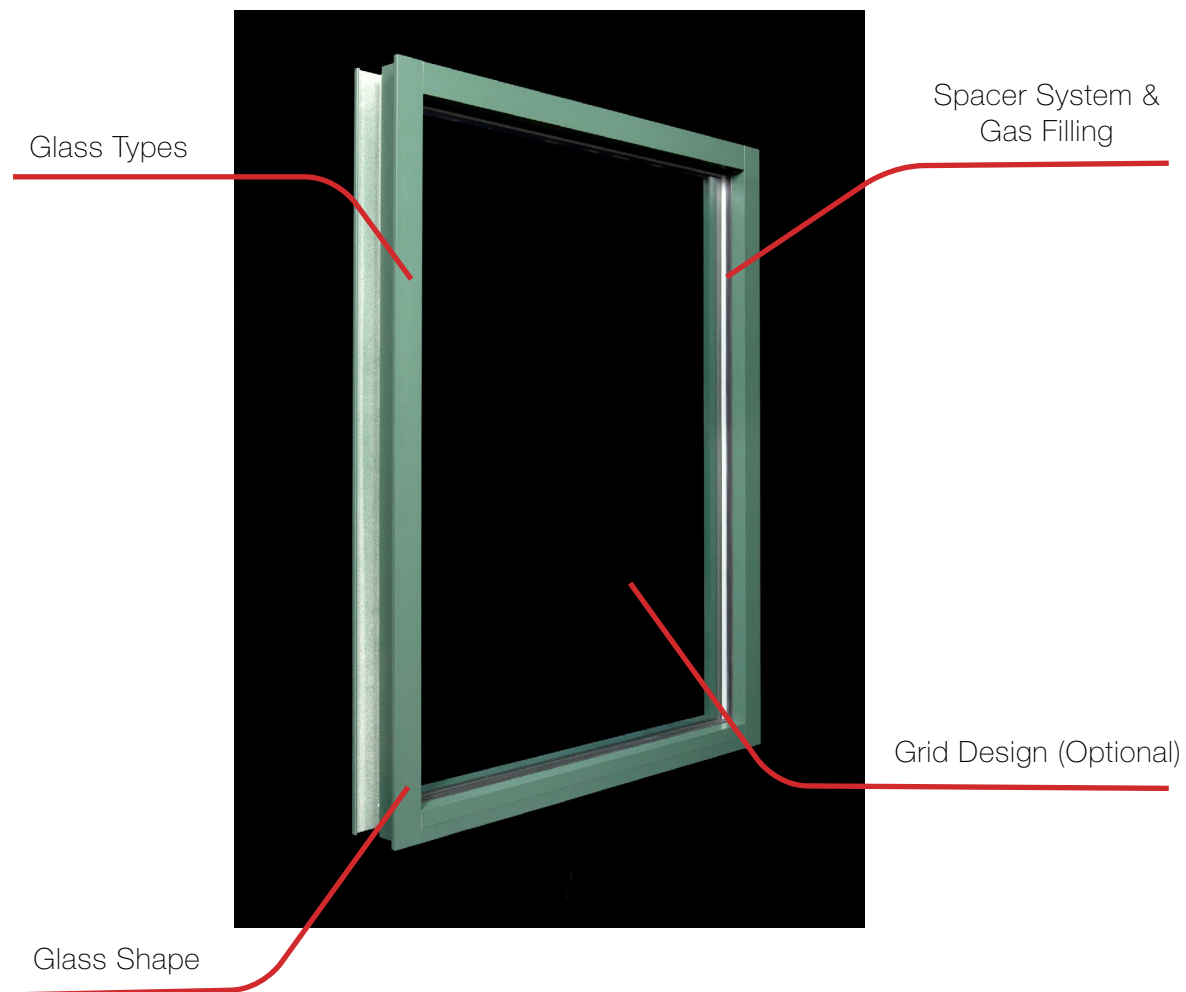
- » Low-E HC Insulating Glass
- » Diamond Pattern
- » One Piece SDL



Decralite® Insulating Glass Overview

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 a pioneer 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.

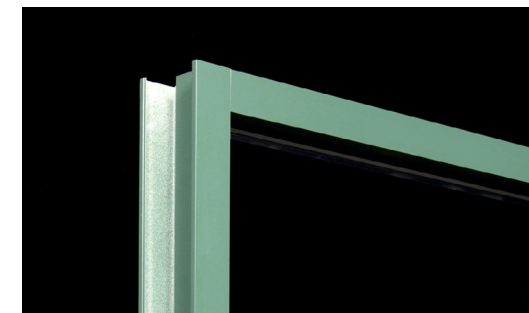


Insulating Glass

Selection Process Steps

Choose:

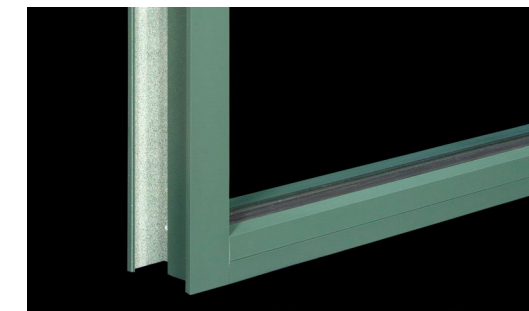
1. Glass Types



2. Spacer System & Gas Filling



3. Glass Shape





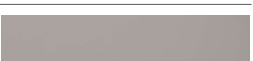




4. Grid Design (Optional)





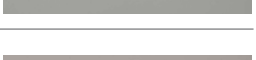
Insulating Glass

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	
	Low-E 272	clear appearance, solid performance, blocks UV	0.41	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	

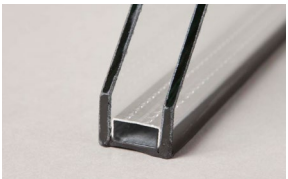
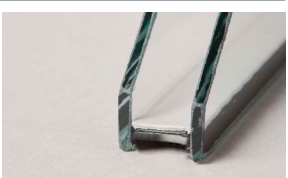
* Solar Heat Gain Coefficient

Application	Glass Type	Features/Benefits	Interlayer	Typical Photo
Security	6.0 L Laminated	forced entry barrier, sound and noise reduction, clear, tinted, or low-E	.030	
	7.8 L Laminated	major storm and hurricane protection, sound abatement, clear, tinted or low-E	.060	
	13.6 L Laminated	enhanced hurricane protection for coastal areas, clear, tinted, or low-E	.090	

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	
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





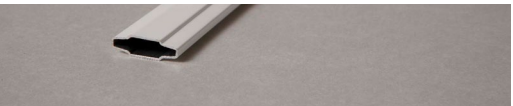

Glass Shape Name	Shape Drawing
Rectangle	
Half Round	
Extended Half Round	
Eyebrow	
Half Eyebrow	
Extended Eyebrow	
Extended Half Eyebrow	
Quarter Round	
Extended Quarter Round	
Elliptical	
Half Elliptical	
Extended Elliptical	
Ellipse	
Oval	

Octagon	
Extended Octagon	
Circle	
Trapezoid	
Pentagon	
Parallel	
Triangle	
Isosceles Triangle	
Dual Arch	
Half Dual Arch	
Segmented Dual Arch	
Segmented Quarter Round	
Cathedral	
Extended Cathedral	
Hexagon	

Insulating Glass

Selection Process #4a of 4 Choose Grid Profile

Insulating Glass Grid Profile Selection Compatible with all insulating glass





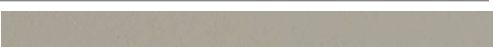
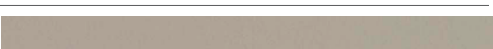


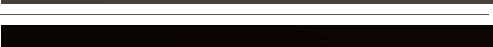


Type	Insulating Glass Grid Profile	Typical Sample
Decralite®	Flat	
	Contour "A"	
	Contour "B"	
Aluminum	Flat	
	11/16" Contour	
	1" Contour	

Insulating Glass

Options - Selection Process #4b of 4
Choose Color

Insulating Glass Grid Color Selection

Call CGP to discuss unlimited custom colors & matching services.


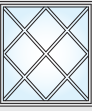




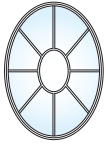
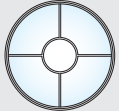
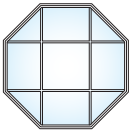
Name	Insulating Glass Grid Color	Profile
Decralite® & Aluminum	Standard White 0019	
	Bright White 0018	
	Beige 0020	
	Adobe 0045	
	Sandalwood 0040	
	Chamapagne 0137	
	Chocolate 0120	
	Bronze 0096	
	Black 0038	
	Forest Green 0063	
	Red 0064	

Insulating Glass

Options - Selection Process #4c of 4
Choose Overall Design

Insulating Glass 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
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

Door Inserts Overview

Created to Last a Lifetime

Designed And
Manufactured To Last A
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.



Door Inserts

Selection Process Steps

Choose:

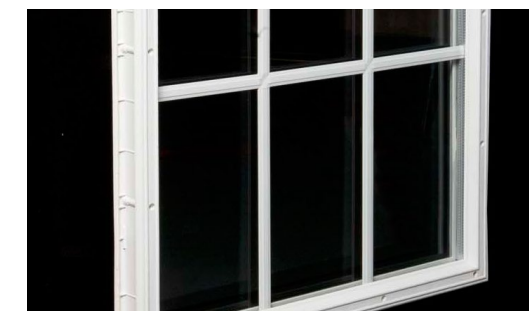
1. Glass Size (Includes Frame)



2. Glass Type



3. Grid Type (Optional)

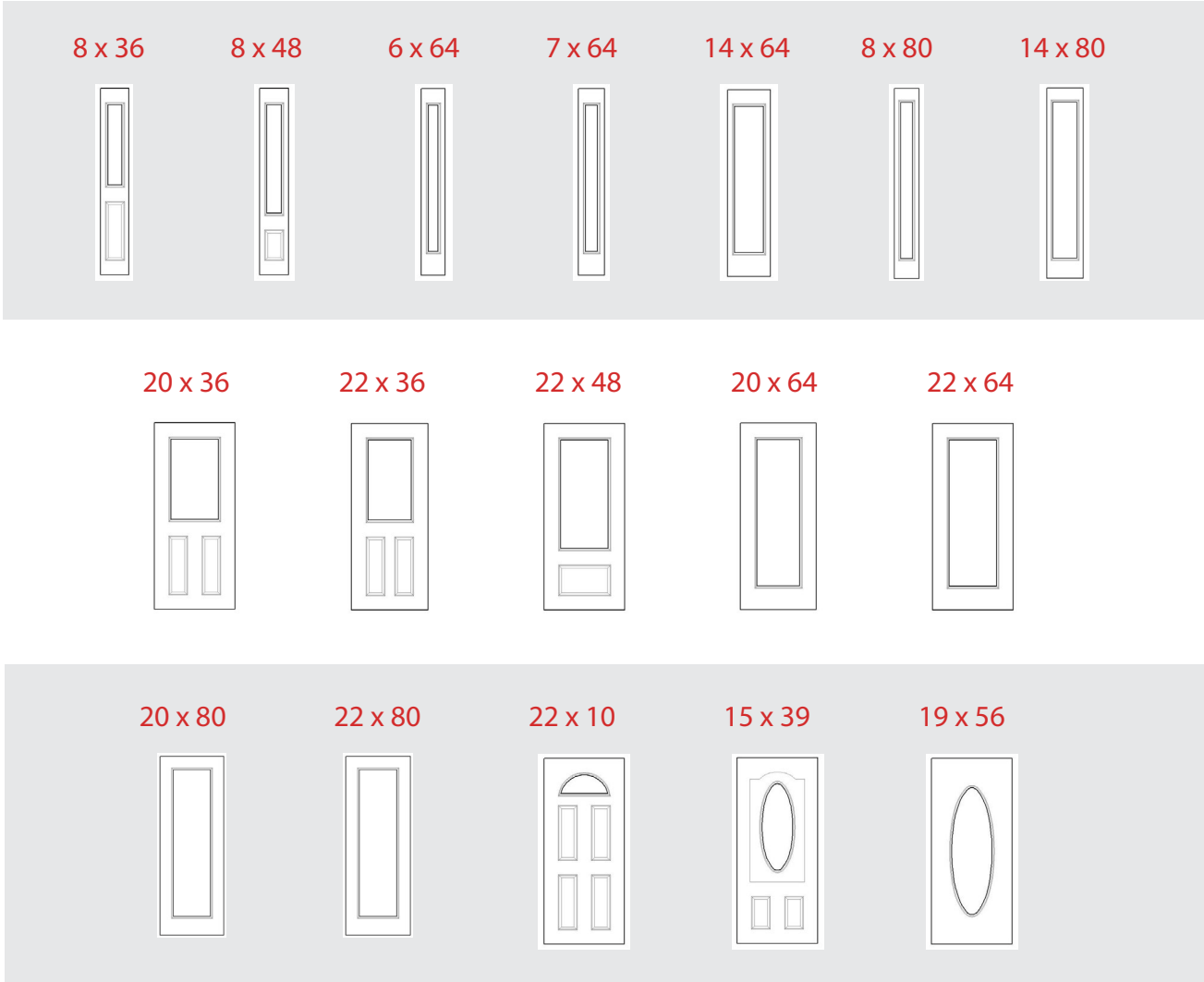


Door Inserts

Selection Process #1 of 3 Choose Glass Insert Size

Glass Size Selection

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	
	Low-E HC	clearer appearance, improved energy performance, blocks UV	0.71	3.22	
	Low-E 272	clear appearance, solid performance, blocks UV	0.41	4.00	
	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	
	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
Assembly Configuration	8	
Grid Profile	10	
Color	12	
Mounting System	13	
Overall Design	14	

Decralite® GBG

Choose	Page	Enter Your Choice Below
Grid Profile	21	
Color	22	
Overall Design	23	

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

Renovation and Remodel Commercial Products

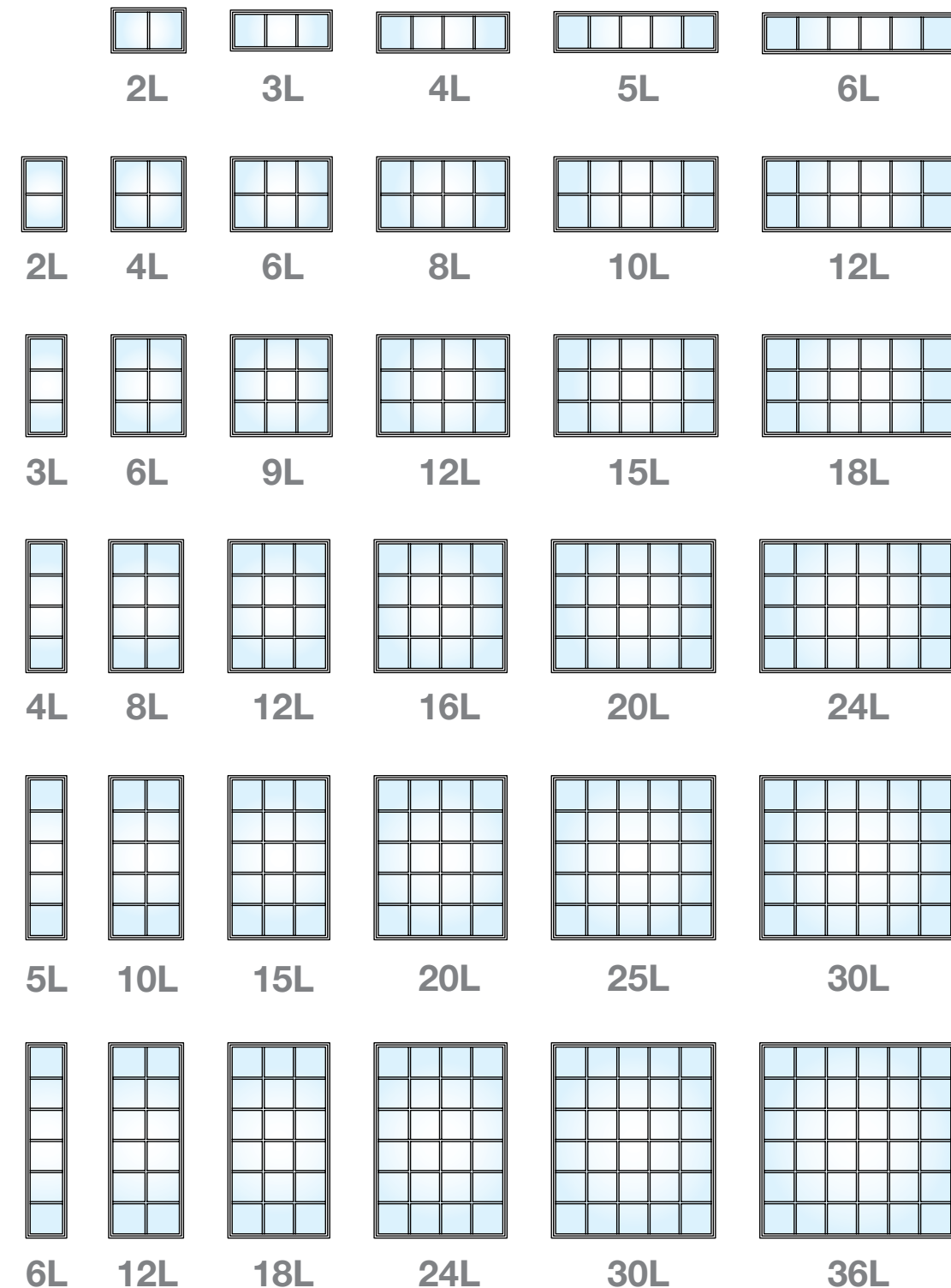
- » Decralite® SDL
- » Cut & Notched



Arby's Restaurant

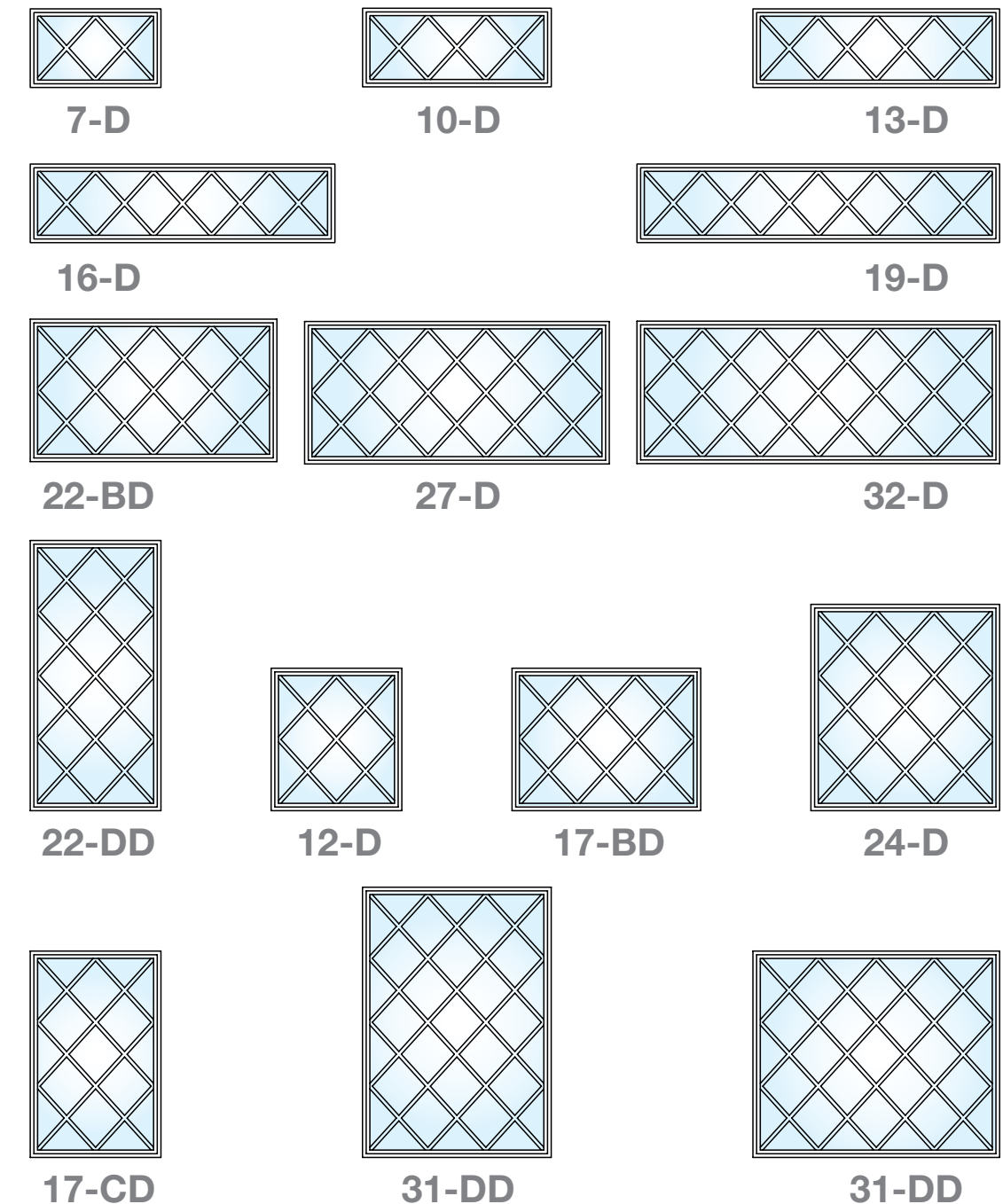
Appendix - Commercial Shapes

Rectangles



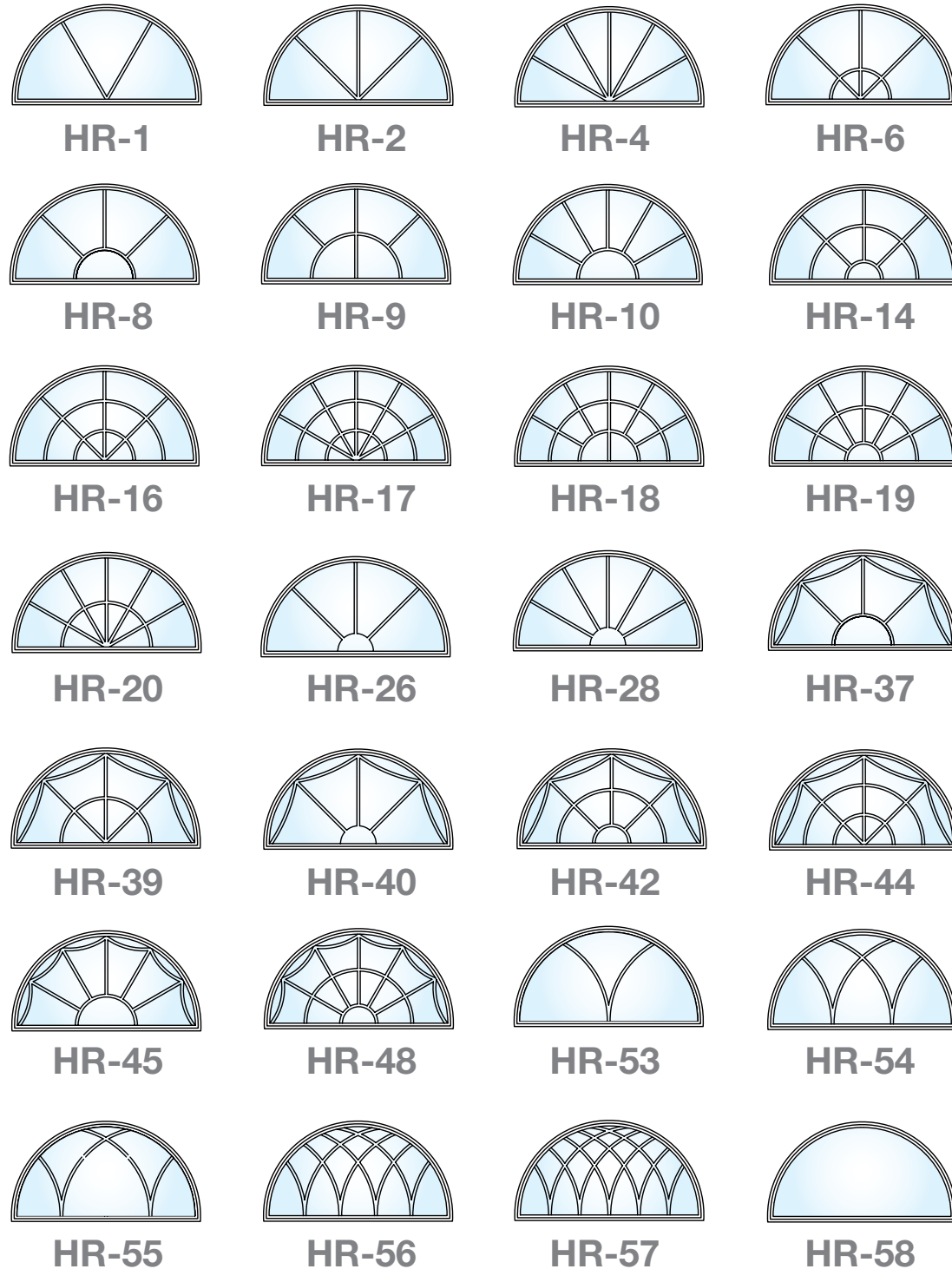
Appendix - Commercial Shapes

Diamonds



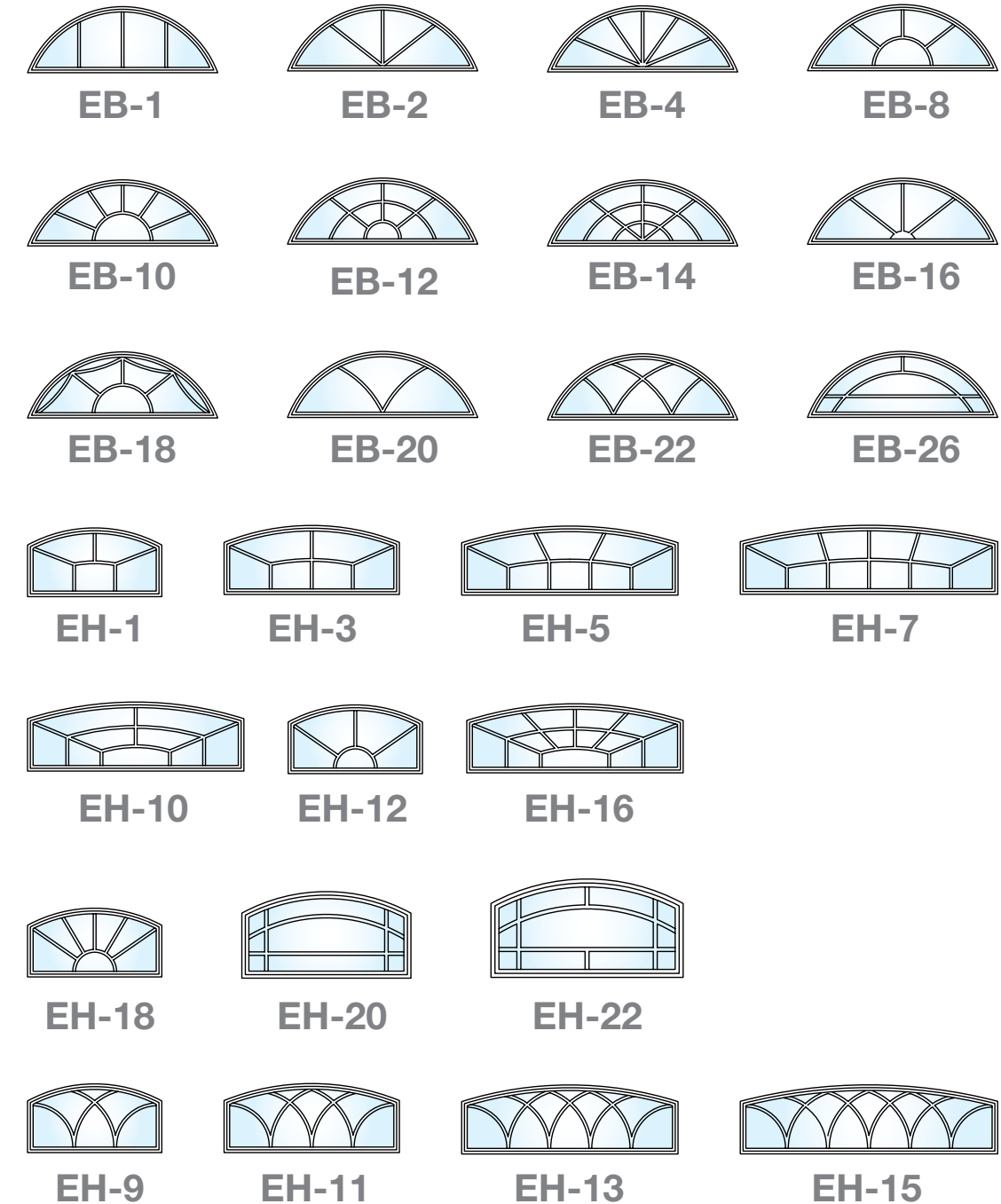
Appendix - Commercial Shapes

Half Rounds



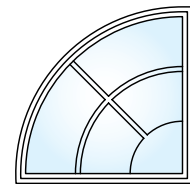
Appendix - Commercial Shapes

Eyebrows

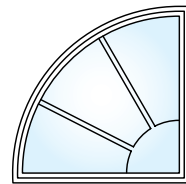


Appendix - Commercial Shapes

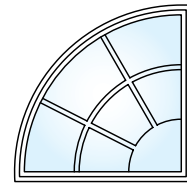
Quarter Rounds



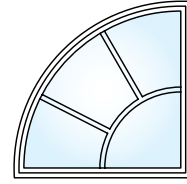
QR-1



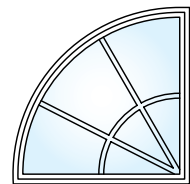
QR-2



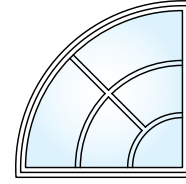
QR-3



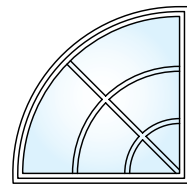
QR-4



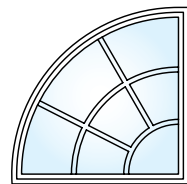
QR-7



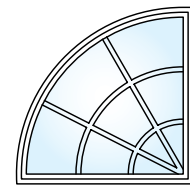
QR-10



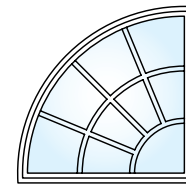
QR-11



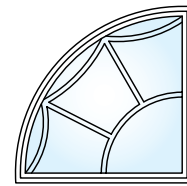
QR-12



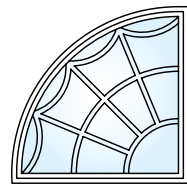
QR-13



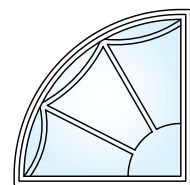
QR-15



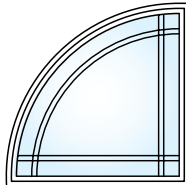
QR-18



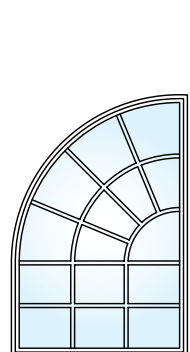
QR-26



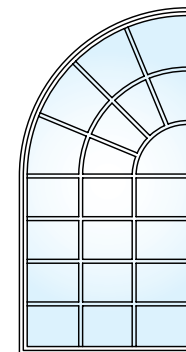
QR-28



QR-32



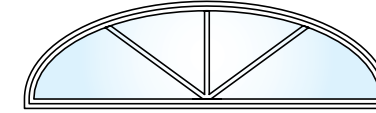
QR-15, 6L



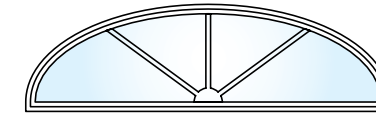
QR-15, 12L

Appendix - Commercial Shapes

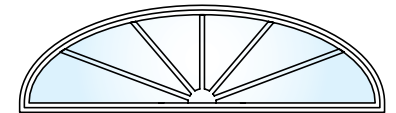
Ellipticals



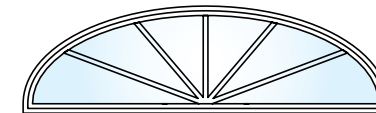
EL-1



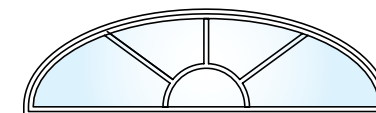
EL-2



EL-3



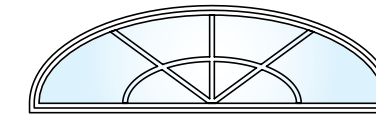
EL-4



EL-5



EL-6



EL-8



EL-9



EL-11



EL-13



EL-25



EL-27



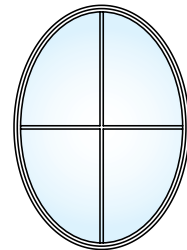
EL-33



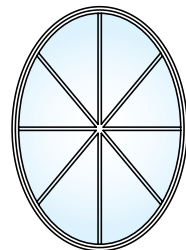
EL-34

Appendix - Commercial Shapes

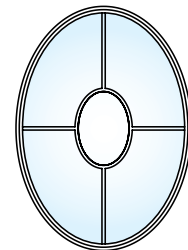
Ovals



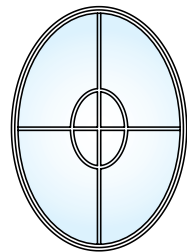
OV-1



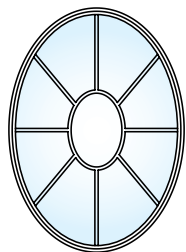
OV-2



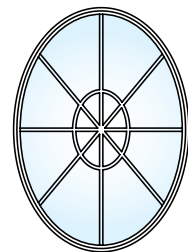
OV-3



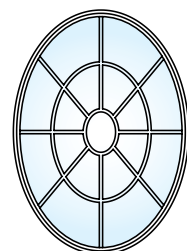
OV-4



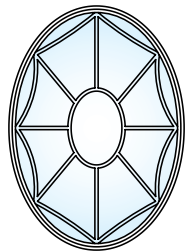
OV-5



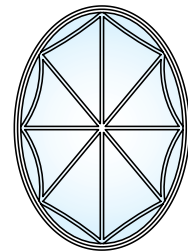
OV-8



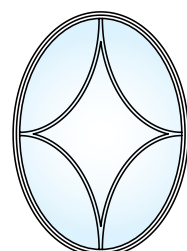
OV-9



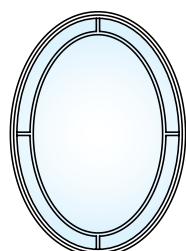
OV-11



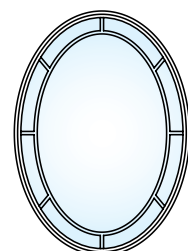
OV-15



OV-16



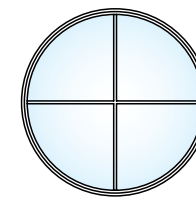
OV-19



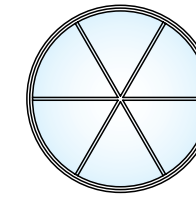
OV-20

Appendix - Commercial Shapes

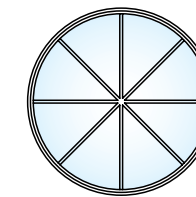
Circles



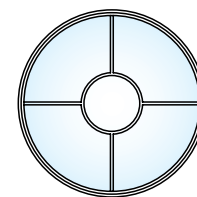
CI-1



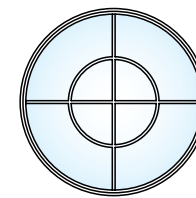
CI-2



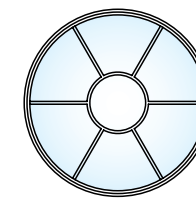
CI-3



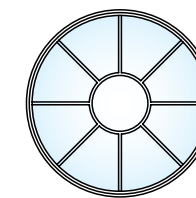
CI-4



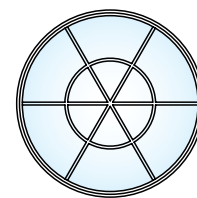
CI-5



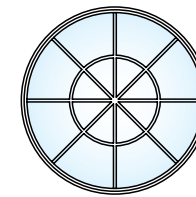
CI-6



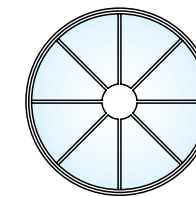
CI-7



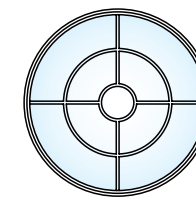
CI-8



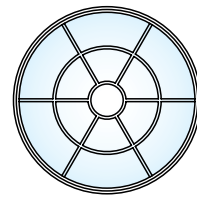
CI-9



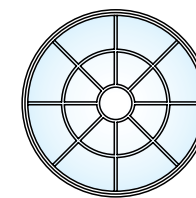
CI-10



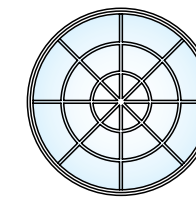
CI-11



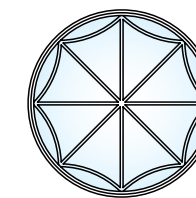
CI-13



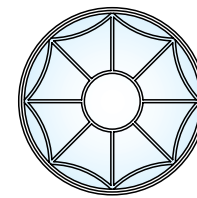
CI-15



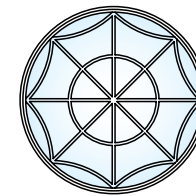
CI-16



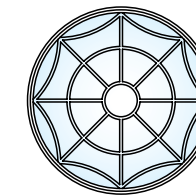
CI-20



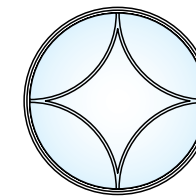
CI-21



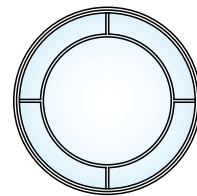
CI-24



CI-26



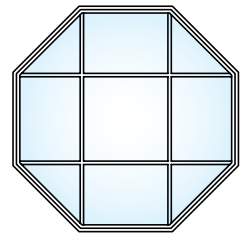
CI-30



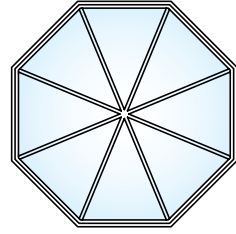
CI-32

Appendix - Commercial Shapes

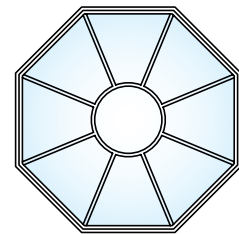
Octagons



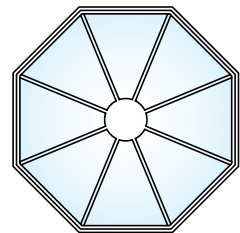
OC-1



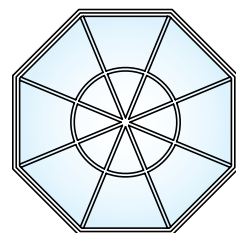
OC-2



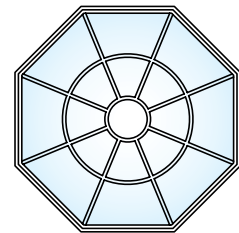
OC-3



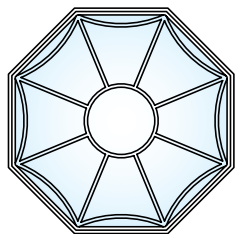
OC-4



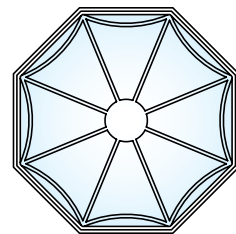
OC-5



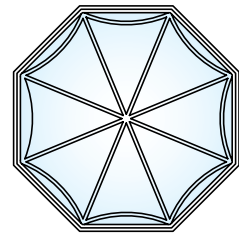
OC-6



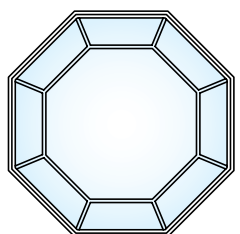
OC-9



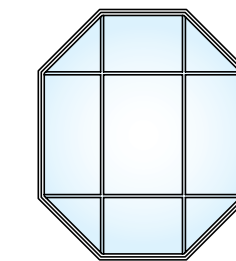
OC-11



OC-13



OC-20



OC-1 Extended

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