

Vision of the way window



should be















We welcome you to imagine the world of luxury that Monali windows Ltd. can create for your home

From sliders to casements, we offer a wide variety of colours and styles that will complement any house.

Monali windows Ltd. windows are built to exceed the highest standards and are backed by a LIFETIME warranty. Our produced but rather each individual window is crafted with care.

Content:

We welcome you to	imagine	the wo	orld of	luxury	2.
Let Monali windov	ıs Ltd.	make	your	home	look
elegant ye	t	eneç	9 9	Sa	aving
			3	Case	ment
				4 A C	loser
Look of Monali Co	nstruct	ion		5	Roto
Casement Corner D	rive Sys	tem		6	Roto
HG06 High Perfor	mance	Hinge			7
Awning					8
Awning Cross Section	on				9
Picture Windows					10
Fixed Casements					11
Single Slider					12
Single Hung					13
End Vent Slider					14
Double Slider					15
Douible Hung					16
Window Grids					17
Cardinal Architectu	al Glass	s LOE 18	30	1	18/19
Cardinal Architectu	al Glass	LOE2	272	2	0/21
Cardinal Architectu	al Glass	s LOE3	366	2	2/23
LOE i89 Glass					24
Glass Options					25
Super Spacer					26
Super Spacer - You	want to	do yo	ur part	. ,	27
Paint and Stain Opt	ions				28
Protective Packagir	ng for c	olour w	vindow	s	29
Interior Finishes					30
Exterior Finishes					31
Our Manufacturing	Facility				32
Our Showroom					33
What is Condensation	on?				34
Maintenance Manua	al				35

Let Monali windows Ltd. make your home look elegant yet energy saving

Benefits

Monali windows Ltd. windows will reduce your energy costs for years to come. Our window frames and sashes are fusion welded for strength and durability that provides permanent air and water tight sealing.

Extrusion is made of 100% lead-free uPVC – an environmentally friendly manufacturing process. Our windows are crafted by people who care, using the finest materials and the most recent technology.

All glass units used in our windows have either double or triple glazed insulated with either argon or krypton gas and lowE coating. For easy operation, exceptional style and durability, our windows are equipped with Truth HardwareTM. High strength fiberglass screen mesh is standard for improved lifetime.

Investment

Monali windows Ltd. windows are the best investment for your home, they are crafted by people who care, built with the finest materials and the most up to date technology available.

Monali windows Ltd. windows will earn your trust and confidence by providing you with the industry leading lifetime warranty. So enjoy the elegance and comfort they bring.





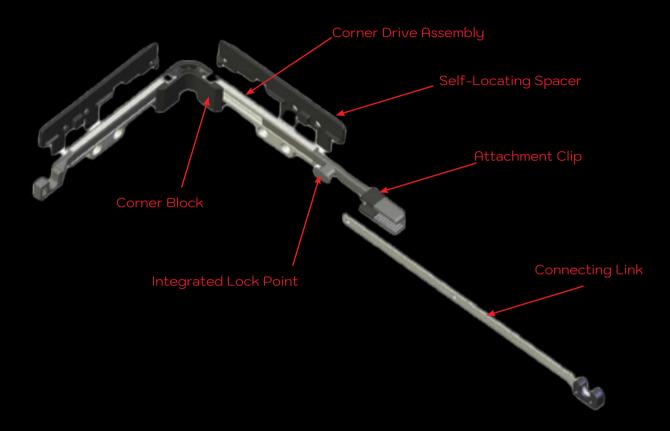




Roto North America

Excellence in Window & Door Hardware

Roto Casement Corner Drive System



Roto CCD

- Innovative product that offers enhanced security and superior performance through an integrated lock point positioned 3" from the corner and secured to the window frame
- Ensures consistent locking at the top corner of the window, regardless of the window height. This is typically the weakest area in structural and air infiltration tests
 - Offers enhanced security and performance of
- DP100 or higher
 Connects directly to Roto's LB06/LB08 lock
 bar assembly





HG06 HighPerformanceHinge



Features & Benefits

304 Stainless steel grade hinges

- Premium hinge (14" variant) accommodates sashes up to 125 lbs. (57 kg) Low friction materials in track and
- shoe allows sash to glide smoothly and efficiently

- Fits common 7/16" cavity available in most windows
- Flared track entrance promotes easy sash assembly
- Suitable for most casement window application (wood, Monali, aluminum, and fiberglass)

Awning **Classical Style Hardware** Awning Monali windows Ltd.'s awning windows can be installed standalone to create a dramatic effect.

They can also be used in combination with our fixed windows to build a truly graceful picture window.

Our awning windows have the same energy-saving properties and quality features as much as our Casement windows.



Contemporary Style Hardware

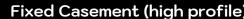
Awning Cross Section





Picture

Monali windows Ltd. offers you maximum versatility in window design through customized picture window frame shapes. Our picture models can function as stand- alone windows or can be used in combination with our fixed, casement, double-hung or single-slider windows.



Fixed Casement (high profile)
Non-opening, fixed windows are the ideal solutions when you wish to create a broad expanse of windows in your home. Large midsection and two vertical side sections allow a panoramic view while providing a sturdy frame. Monali windows Ltd.'s fixed windows offer all the features craftsmanship found in our other models



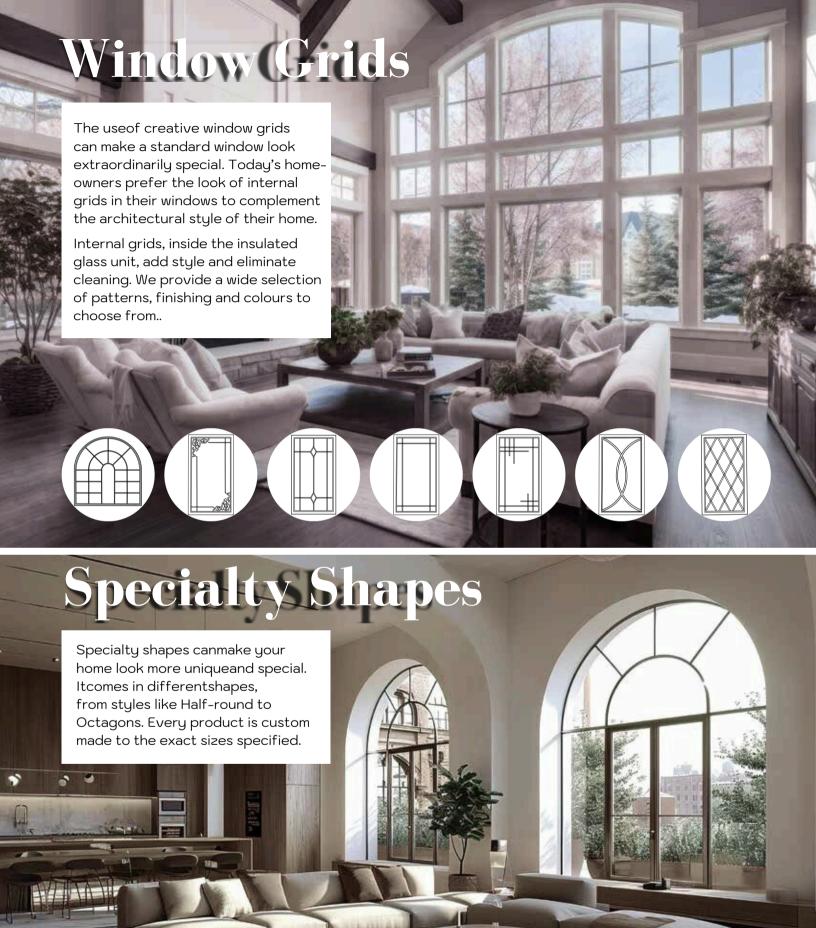














180 180

Realize All the Benefits of High Solar Gain Glass. LoĒ-180 is the perfect cold remedy. Ideal for passive solar applications, it allows winter sun's heat to pass into the building while blocking heat loss to the outside. In a double-pane unit with argon fill, Cardinal LoĒ-180 glass delivers an ER of 45, U-factor of 0.26 and visible light transmission of 77%.

This means high levels of cold weather comfort for occupants. What's more, the warmer indoor glass surface means relative humidity can be controlled and maintained properly, improving occupants' comfort and surroundings. Building owners and/or managers benefit from significant energy savings. And because LoĒ-180 transmits more natural light, architects may be able to reduce lighting loads, resulting in even more savings. Naturally saving energy is also good for the environment.

Cardinal LoĒ-180 glass can be supplied in stock sheets and can be tempered and laminated for stock delivery. Maximum stock sheet size: 96"x144" (2.43 meters x 3.65 meters).

Cardinal LoĒ Glass Sets the Standard for Energy-Efficient Glass. Our patented, state-of-the-art puttered coatings are unmatched by any other glass manufacturer. These high-transmission coatings are virtually clear, blocking the heat and reducing solar gain, while optimizing light transmission. Infact, our LoĒ2 and LoĒ3 coatings actually outperform tinted glass often used.

Cardinal produces nearly 700 million square feet of coated glass annually, at seven coating plants across the U.S. Our Intelligent Quality Assurance Program (I.Q.) ensures the quality of every piece of glass. Using our patented inspection systems, we thoroughly examine the glass for exterior and room side color, visible transmission/reflection, IR reflection and edge deletion.



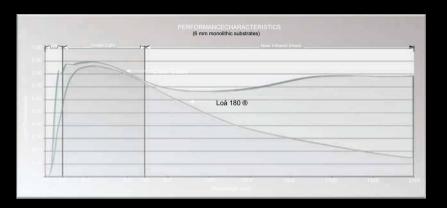


Cardinal LoE-180 Delivers Outstanding Thermal Performance.

	Exterior Lite		Inboard Lite	Transmission			SHGC SC			HG		lr.ft ^a F	W/m		BTU/H		W/m		
ı	Clear	13mm	Clea	80%	Exteriro 15%		0 .720.83	1.11	BTU/Hr ?fi 172	542	0.49	WinterS 0.47	2.81	VinterSi 2.68	ımmerWi 0.47	nterSum 0.45	merWin 2.69	ter 2.55	26
Smr	LoĒ180(#2)	13mm	Clea	77%	15%	14%	0 .600.69	1.28	142	447	0.28	0.30	1.60	1.72	0.23	0.26	1.32	1.47	43
)	Clear	13mm LoÉ	Ē180(#3)	77%	14%	15%	0 .640.73	1.20	150	474	0.28	0.30	1.60	1.72	0.23	0.26	1.32	1.47	45

^{*}These values are based on center of glass numbers assuming no air flow.

Performance Characteristics vs. Clear Glass



Transmitted and Exterior **Appearance** of Clear vs. LoĒ-180 Glass.





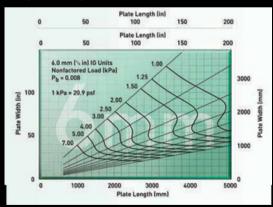


EXTERIOR APPEARANCE

How to Use the Wind Load Chart and Design Factors:

- · Locate the long dimension and short dimension on
- Draw a vertical line from the long dimension and a horizontal line from the short dimension.
- At the point where these lines intersect, interpolate between the wind load (kPa) contours to determine the allowable wind load. For windload in PDF, use the conversion factor in chart.
- · If the glass construction other than annealedannealed is to be used, determine the wind load for the annealed-annealed glass with the appropriate glass thickness, and multiply this wind load by the appropriate load factor (see Load Factors).

Load Factors Annealed-Annealed 1.0 HeatStrengthened-Annealed 1.11 HeatStrengthened-HeatStrengthened 2.0 HeatStrengthened-Tempered 2.11 Tempered-Tempered 6.0





775 Prairie Center Drive Eden Prairie, MN55344 cardinalcorp.com

Cardinal Glass Industries is considered one of the world's leading providers of superior quality glass products. From the melting of sand to produce clear float glass to the vacuum sputtering of silver to produce low-emissivity coatings, Cardinal manufactures the quality components and finished insulating glass products used in top-of-the-line buildings around the world.

Cardinal Architectural Glass

LoĒ2 272

Get Superior Thermal Performance Year Around. LoĒ2-272 is ideal for any climate, any weather. Just look at the numbers. In a double-pane unit with argon fill, Cardinal LoĒ2-272 glass delivers an SHG C of 0.40, U-factor of 0.25 and visible light transmission of 70%. All with no haze or bluish cast.

This means high levels of year-round comfort for occupants. What's more, the warmer indoor glass surface means relative humidity can be controlled and maintained properly, improving occupants' comfort and surroundings. Building owners and/or managers benefit from significant energy savings. And because Lo $\bar{E}2$ -272 transmits more natural light and reduces solar gain, architects may be able to reduce lighting and air conditioning loads, resulting in even more savings. Naturally saving energy is also good for the environment.

Cardinal Lo \bar{E} 2-272 glass can be supplied in stock sheets and can be tempered and laminated for stock delivery. Maximum stock sheet size: 96"x144" (2.43 meters x 3.65 meters).

Cardinal LoĒ Glass Sets the Standard for Energy-Efficient Glass. Our patented, state-of-the-art puttered coatings are unmatched by any other glass manufacturer. These high-transmission coatings are virtually clear, blocking the heat and reducing solar gain, while optimizing light transmission. Infact, our Loå2 and Loå3 coatings actually outperform tinted glass often used.

Cardinal produces nearly 700 millions square feet of coated glass annually, at seven coating plants across the U.S. Our Intelligent Quality Assurance Program (I.Q.) ensures the quality of every piece of glass. Using our patented inspection systems, we thoroughly examine the glass for exterior and room side color, visible transmission/reflection, IR reflection and edge deletion.

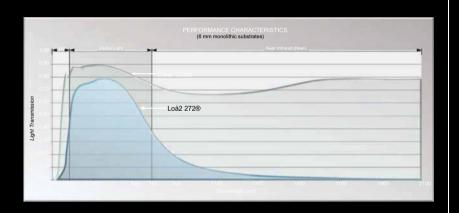




Cardinal LoE2-272 Delivers Outstanding Thermal Performance.

	Exterior Lite	Airspac	Inboard Lite	Transmissio	Refl e			C SC	LSG		RHG r.ft2W/m2		"U/Hr.ft2°F er Winter		N/m2°K er Winter		U/Hr.ft2°F ner Winter		W/m2°K
			Clear		15%	15%	0.72			172		0.49		2.81		0.47		2.69	
	LoE2 272®		Clear		10%		0.40			95		0.27		1.54		0.22		1.25	
тт	Arctic Blue		LoE2 272®	41%			0.28			67		0.27		1.54		0.22		1.25	
<i>6n</i>			LoE2 272®	51%						71		0.27		1.54		0.22		1.25	
			LoE2 272®	59%	9%		0.37			88		0.27		1.54		0.22		1.25	
			LoE2 272®	40%			0.31			75		0.27		1.54		0.22		1.25	

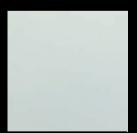
Performance Characteristics vs. Clear Glass



Transmitted and Exterior Appearance of Clear vs. LoĒ2-272 Glass.







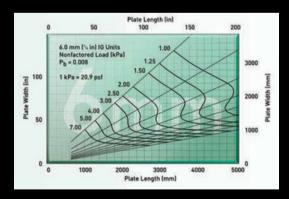
EXTERIOR APPEARANCE

How to Use the WindLoad Chart and Design Factors:

- Locate the long dimension and short dimension on the chart.
- Draw a vertical line from the long dimension and a horizontal line from the short dimension.
- At the point where these lines intersect, interpolate between the wind load (kPa) contours to determine the allowable wind load. For windload in PDF, use the conversion factor in chart.
- If the glass construction other than annealedannealed is to be used, determine the wind load for the annealed-annealed glass with the appropriate glass thickness, and multiply this wind load by the appropriate load factor (see Load Factors).

Load Factors

1.0
1.11
2.0
2.11
6.0





775 Prairie Center Drive Eden Prairie, MN55344 cardinalcorp.com Cardinal Glass Industries is considered one of the world's leading providers of superior quality glass products. From the melting of sand to produce clear float glass to the vacuum sputtering of silver to produce low-emissivity coatings, Cardinal manufactures the quality components and finished insulating glass products used in top-of-the-line buildings around the world.



LoĒ3 366

Get the Perfect Balance of Solar Control and High Visibility. Just look at the numbers. In a double-pane unit with argonfill, Cardinal LoĒ3-366 glass deliver san SHGC of 0.27, U-factor of 0.24 and visible light transmission of 63%. All with no interior-darkening tints and virtually no exterior reflectance.

This mean shigh level of year-round comfort for occupants. What's more, the warmer indoor glass surface means relative humidity can be controlled and maintained properly, improving occupants' comfort and surroundings.

Building owners and/or managers benefit from significant energy savings. And because LoĒ3 -366 transmits more natural light and reduces solar gain, architects may be able to reduce lighting and air conditioning loads, resulting in even more savings. Naturally saving energy is also good for the environment.

Cardinal LoĒ -366 glass can be supplied in stock sheets and can be tempered 3 and laminated for stock delivery. Maximum stock sheet size: $96" \times 144"$ (2.43 meters x 3.65 meters).

Cardinal LoĒ Glass Sets the Standard for Energy-Efficient Glass. Our patented, state-of-the-art puttered coatings are unmatched by any other glass manufacturer. These high-transmission coatings are virtually clear, blocking the heat and reducing solar gain, while optimizing light transmission. Infact, our LoĒ2 and LoĒ3 coatings actually outperform tinted glass of ten used.

Cardinal produces nearly 700 million square feet of coated glass annually, at seven coating plants across the U.S. Our Intelligent Quality Assurance Program (I.Q.) ensures the quality of every piece of glass. Using our patented inspection systems, we thoroughly examine the glass for exterior and room side color, visible transmission/reflection, IR reflection and edge deletion

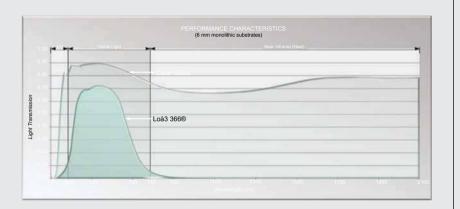




Cardinal LoE3 -366 Delivers Outstanding Thermal Performance.

	Unit Make Up			Visible Light			SolarEnergy				UFactor-Air				U Factor - Argon				
	Exterior Lite			Transmission	Refl e	Refl ectance		SC	LSG	R	HG	BTU/I	⊣r.ft °F	W/r	rf°K	BTU/H	r.ft °F	W/	m² °K
	Lite		Litte		Exterior	Interior				BTU/Hr.ft	2 W/m2	Summe	r Winter	Summe	r Winter	Summer	Winter	Summe	r Winter
	Clear			80%	15%		0.72		1.11	172		0.49		2.81		0.47	0.45	2.69	
	Loå 3 366 ®			63%	11%		0.27		2.33	65		0.26		1.48		0.20		1.14	
emm	Arctic Blue	13mm	Loå 3 366 ®	37%			0.24		1.54	59		0.26		1.48		0.20		1.14	
19	Evergreen		Loå 3 366 ®	46%	8%		0.27		1.70	64		0.26		1.48		0.20		1.14	
	Blue-Green		Loå 3 366 ®	53%	9%		0.32		1.66	76		0.26		1.48		0.20		1.14	
	Bronze		Loå 3 366 ®	37%	7%		0.26		1.42	62		0.26		1.48		0.20		1.14	

Performance Characteristics vs. Clear Glass



Transmitted and Exterior Appearance of Clearvs. LoE3-366 Glass

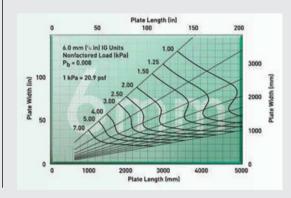


How to Use the Wind Load Chart and Design Factors:

- Itheatleathe long dimension and short dimension on
- Draw a vertical line from the long dimension and a horizontal line from the short dimension.
- At the point where these lines intersect, interpolate between the wind load (kPa) contours to determine the allowable wind load. For windload in PDF, use the conversion factor in chart.
- If the glass construction other than annealedannealed is to be used, determine the wind load for the annealed-annealed glass with the appropriate glass thickness, and multiply this wind load by the appropriate load factor (see Load Factors).

Load Factors

Annealed-Annealed	1.0
HeatStrengthened-Annealed	1.11
HeatStrengthened-HeatStrengthened	2.0
HeatStrengthened-Tempered	2.11
Tempered-Tempered	6.0





775 Prairie Center Drive Eden Prairie, MN55344 cardinalcorp.com Cardinal Glass Industries is considered one of the world's leading providers of superior quality glass products. From the melting of sand to produce clear float glass to the vacuum sputtering of silver to produce low-emissivity coatings, Cardinal manufactures the quality components and finished insulating glass products used in top-of-the-line buildings around the world.



L_0E - $189\ Glass$ enhanced winter performance glass

Double-panewindowsbecometriple-pane performers.

There's no need to go to triple-pane windows to meet the various energy-saving guidelines. No need to invest in redesigning your windows and altering your manufacturing processes either. A double-pane IG unit with LoĒ-i89 can meet the guidelines.

LoĒ-i89 is sputtered onto the indoor lite, the #4 surface, thus reflecting escaping heat back into the room and lowering U-Factors. Coupled with our LoĒ2 or LoĒ3 glass

and argon fill, this double-pane unit delivers performance much better than clear triple-pane – a centre of glass U-Factor of just 0.20 compared to 0.37 with clear triple-pane.

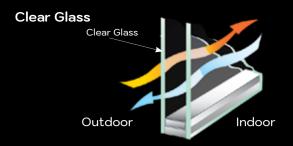
To surpass the U-Factor performance of our LoĒ-i89 double-pane unit, you would need to go to a triple-pane unit with a low-Ē coating in each gap.

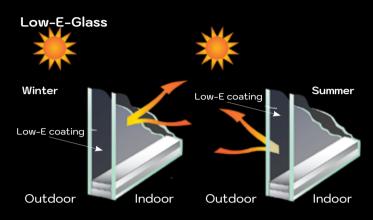
GLASS PERFORMANCE Double Pane with LoE-i89

IG TYPE AND COATING		VISIBLE LIGH	нт		NISSION	SOLAR	U-FACTOR IP / SI		
HID CONTINO	TRANS MITANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	υv	ISO	HEAT GAIN COEFF ICIENT	AIR FILL	ARGON FILL	
LOE-180, LOE-i89	77%	15%	14%	0.27	0.61	0.62	0.24	0.21	
L0E-272, L0E-i89	70%	11%	11%	0.16	0.53	0.41	0.23	0.20	
L0E-270, L0E-i89	69%	12%	12%	0.14	0.51	0.36	0.23	0.20	
LOE-366, LOE-i89	63%	11%	11%	0.05	0.41	0.27	0.23	0.20	

7/8" Triple Pane

IG TYPE		VISIBLE LIGH	łT		DE MISSION	SOLAR	U-FACTOR IP / SI		
AND COATING	TRANS MITANCE	EXTERNAL REFLECTANCE	INTERNAL REFLECTANCE	UV	ISO	HEAT GAIN COEFFI CIENT	AIR FILL	ARGON FILL	
LOE-180, LOE-i89	70%	20%	20%	0.13	0.50	0.56	0.26	0.20	
L0E-272, L0E-i89	63%	15%	18%	0.08	0.44	0.38	0.25	0.20	
L0E-270, L0E-i89	62%	16%	19%	0.07	0.43	0.34	0.25	0.20	
L0E-366, L0E-i89	57%	14%	18%	0.02	0.36	0.25	0.25	0.20	







Clear Glass

The Clear Glass unit provides more efficiency on noise protection than single pane glass. A clear glass unit allows heat and cold air from both the inside and outside to pass through without resistance.

Low-E Glass

Inwinter, low-E Glass reduces heat loss to the cold outdoors by dramatically reducing radiant heat transfer and actually reflecting interior heat back into the room. It allows more of the sun's rays to enter a home as solar energy to be converted into usable heat. As in winter, the same effect of keeping interior heat inside, and in summer it helps to reduce the flow of hot outside air into the cooler interior. Therefore, it helps to lower your energy cost all year long. Low-E Glass also reduces transmission of the sun's UV ray which is the leading cause of premature fading and degradation of fabrics & carpeting.

Triple Glass

Triple paneglass windows are the most energy efficient models in the market, due to the extra pane of glass, insulating glasses help keep cold air outside and warm air in, or vice versa. Special coatings are often applied to the glass windows to enhance their energy efficiency by eliminating solar gain.

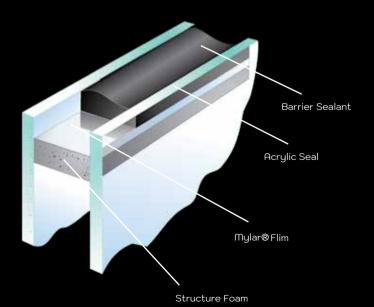


Super Spacer

You want to do your part, We can help







Super Spacer Reverses dual seal construction



Warm edge technology is more than just a lowconductive product that helps make windows more thermally efficient. The warm edge spacer is the actual seal that keeps the glass package in windows from falling.

There are two types of insulating glass systems on the market today: Single seal and dual seal systems. Single seal units are constructed of only one type of sealant, which is called upon to perform double-duty. Not only must the sealant retard the infiltration of moisture vapour, but it must also hold the unit together under a wide variety of both high and low temperatures while withstanding the effects of high humidity and ultra violet exposure.

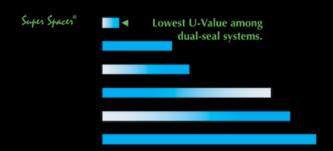
A dual-seal unit is constructed using a combination of a sealant that functions mainly as a high-strength adhesive and a second sealant, which is used primarily as a moisture vapour seal.

Super Spacer® is a dual seal insulating glass system. This No-Metal, structural foam spacer clearly resists condensation, reduces energy costs, provides long-life durability and adds both comfort and value to your windows.

Protect your most precious possessions-choose Health Smart Windows for your home and family.

You want to do your part, We can help

The all-foam formula of Super Spacer® is proven to be less conductive, which can block heat from escaping or entering through the glass edge. It provides optimal thermal performance and is the lowest U-Value in the industry.



- Optimized energy savings
- Enhanced environmental comfort and health near windows
- Condensation and mold resistance like no other spacer
- Extreme durability for sustainable performance



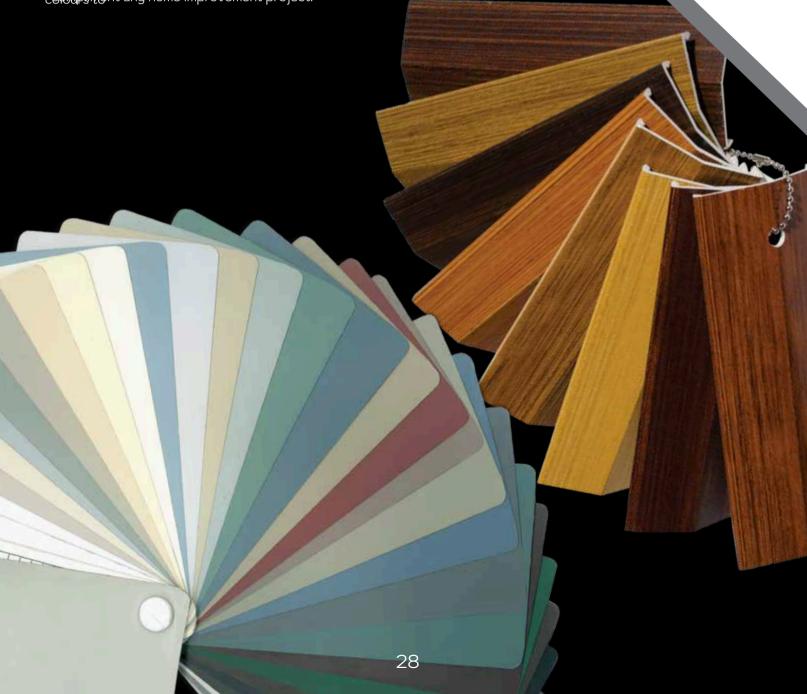




Paint & Stain Options

- Monali windows Ltd. uses Prolux paint which is a leader in technology and innovative products for liquid paint market. Prolux produces coatings for many different substrates including a superb line of paints formulated exclusively for PVC.
- All our colour window frames are coated with four layers of paint for lighter colour, and six layers for darker colour. While industry standard with two coates for lighter colour and three coats for darker colour are applied.
- Monali windows Ltd. offers a wide range of exciting complinent any home improvement project.

- All of our products are painted in boxes instead of in liners.
- All painted frames come with 10 years warranty.
- Monali windows Ltd. is one of a few manufacturers that on site painting service for minor paint damages Official installation.
- Monali windows Ltd. also offers a three stage stain for both exterior part of the windows to achieve the look of natural wood finishing.



Protective Packaging for colour windows

 All painted frames are protected by protective film from being scratched during installation.

 All painted windows are securely packaged to avoid windows from being damaged during transportation.



Protective Film for colour painted windows

Protective Packaging for colour painted windows

Interior Finishes

Monali package with classic rosettes











Monali package in wood stain





Monali package with contemporary rosettes

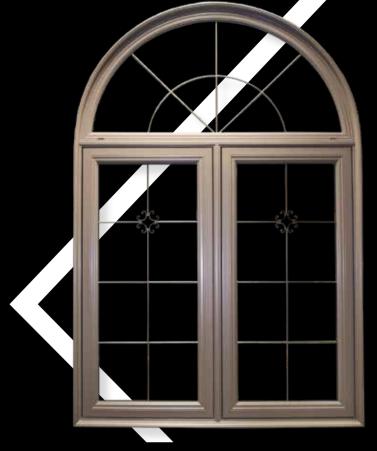




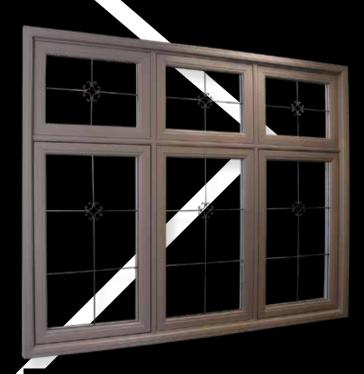
Exterior Finishes



Combination of Casement & Awning with 5/8" brickmould & simulated divided light (SDL) grills



Shape Transom on top of Casement & Fixed Casement combination with 5/8" brickmould



Combination of windows with 2" brickmould



Combination of fixed and casement windows with 1-1/4" brickmould

Our Manufacturing Facility











- All our Monali windows Ltd. are fusion welded burn off 1/4" to ensure durability and strength.
- 45° cuts are done with digital precision to provide maximum strength while welding.
- CNC corner cleaning technology eliminates hand scratching of weld lips and provides the best automated finish available in the industry.
- At Monali windows Ltd. we also make our own sealed

alass & quality. thermo units to ensure prompt delivery

Our Showroom











What is Condensation?





Understanding Condensation on Window

Ever wonder why condensation forms on your windows - and what you can do to prevent it?

Below is a collection of questions and answers designed to provide you with a better understanding of condensation and how you can minimize it.

Exterior condensation questions?

What causes exterior condensation?

Exterior condensation occurs when moist air comes into contact with cool surfaces, such as glass. This type of condensation appears when the dew point in the air is higher than the temperature of the glass. This occurs when a cool night follows a warmer day, most typically during the spring and fall seasons.

How does low-e missivity glass affect exterior condensation?

Low-E glass reduces heat conducted through the glass from the warm interior of the home to the outside glass surface. Heat conduction can be reduced by as much as 50 percent with an efficient Low-E coated glass. This reflected heat energy reduces the outside glass temperature and can result in condensation on the glass. Exterior condensation is actually an indication that the insulating glass in the window is performing as it should.

Interior condensation questions?

What Causes condensation on the inside glass of the window?

Whenever there is excess humidity in a home, it manifests itself in the form of condensation on the coldest area of a wall, which is normally the windows. The warmer the air, the more moisture it will retain, so when air in your home comes in contact with the colder glass surfaces, it is subsequently cooled and moisture is released in the form of condensation on the glass.

Do windows cause condensation?

No, condensation on the window is not the fault of the window. However, by replacing drafty windows and doors or installing a new roof or siding, you are reducing air flow in your home and making it tighter. Tighter homes actually retain more humidity.

Where on a window does condensation normally form and whu?

Condensation often forms at the meeting rail and at the bottom of the lower sash on the interior of the glass. This is because when warm air cools, it falls down across the interior surface of the window at the same time the temperature of the air is falling. The air contacts the horizontal surface of the trapped water vapor to escape and form on the meeting rail's surface. The air then rolls over the edge of the meeting rail and again gains speed until it encounters the lower handle of the sash. At this point, the water vapor again makes its exit and lies at the bottom of the sash.

Can I reduce the condensation on my window? Yes. In order to reduce condensation, humidity must be controlled and air movement must be generated. As the exterior temperature drops, the humidity level needs to decrease if condensation is to be controlled.

What steps can I take to reduce humidity in my house?

The two main things you can do are to control sources of moisture and increase ventilation. To decrease or control excess humidity and condensation:

- 1. Use exhaust fans in your kitchen, laundry and bathrooms.
- 2. Vent gas burners, clothes dryers, etc. to the outdoors.
- Shut off furnace humidifiers and other humidifying devices in your home.
- 4. Be sure that the ventilating louvers in your attic, basement or crawl spaces are open and amply sized.
- 5. Open fireplace dampers to allow an escape route for moisture-laden air.
- 6. Air out your house a few minutes each day.





Normal Maintenance

The PVCu windows only require to be washed with warm soapy water, perhaps when the glass is being cleaned. You should never use any abrasive materials to clean these windows as this will cause scratching, dull the surface and encourage the formation of dirt and stains. Do not use cleaners containing aggressive organic solvents because they could affect the surface appearance of the Monali. Examples of such cleaners are: chlorine bleach, liquid grease remover, strong soaps and detergents containing organic solvents, nail polish remover and funi-ture polish/cleaner. For Wood Grain Finishes, use mild household cleaners. Do not use hash abrasive cleaners on these surfaces. Use a Mr. Clean® Magic Eraser® on the hard to clean areas.

Normal Maintenance for Glass

Clean the glassusing standing glass cleaner such as Windex®. Do not use abrasive cleaners, as it will scratch the glass. Decals and dried debris can be removed with a new single edged razor blades, wetting the glass first with glass cleaner.

Normal Maintenance of the Screen

To cleanthe screens, simply hose themoff with water. For built-up dirt, you can use a mild soap and sponge, then rinse thoroughly. Do not use aerosol cleaning agents on screens, as certain propellants in the cleaners can cause damage to the molded corner parts.

