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Ostaco Windoors are C.S.A./Keystone/NFRC certified.
Ostaco Windoors meets the requirements of the following
organizations: ENERGY STAR, CCMC, CWDMA, NFRC.

The results shown are from national tests under the following

Visit your local window and door expert.

For more information about our quality products, visit our affiliate websites: Glass www.cardinalcorp.com Extrusions/Paint www.royalgrouptech.com

Windows and doors manufactured by Ostaco are installed and distributed by authorized independent dealers. Subject to certain terms and conditions, Ostaco offers a lifetime warranty on all its products. Details are available upon herein is accurate. However, Ostaco accepts no responsibility whatsoever for any errors in or omissions from the brochure and reserves the right to discontinue, replace or make changes to any of its products without incurring liability.



WE MAKE GREAT CLAIMS... BECAUSE WE MAKE GREAT WINDOWS.

Charles Dickens' hero in David Copperfield said it best: "Whatever I have devoted myself to, I have devoted myself to completely." At Ostaco, you'll see that same kind of devotion every day -- because that's just who we are.

Our commitment to quality is backed by our industry leading warranty. After three decades of experience manufacturing windows and doors, we take pride in pouring our resources into research and development to ensure we provide our customers with the most beautiful and energy efficient windows available on the market today.

Our team has worked tirelessly to re-engineer our Core Window Series. Similar to our Enersense windows, Core 3 ¼" now accommodates a true-triple pane 1 ¾" glass package. And yes, three panes need heavy-duty hinges -- so we upgraded that too!

Ostaco windows balance your energy needs year round, filtering out harmful UV rays that damage and fade your furniture while providing tremendous sound proofing capability. State-of-the-art coatings, such as LoE 180, 272, 366 and the newest i89, combine with the insulating properties of Argon gas to create windows that perform at the top of their class each and every time.

From our thicker frames to upgraded hardware, we proudly offer the latest advancements in window technology.

Sincerely,

Gianni Martini, President



OUR GUARANTEE MAXIMUM STRENGTH & ENERGY SAVINGS.

WE LIKE GUARANTEES

Our windows are backed by the most far-reaching warranties the industry has to offer. And you better believe that our windows will do it all -- slide up and down, open in and out, look gorgeous, keep you warm or cool, add to the value of your home, stay cleaner longer, lock tight, stay dry and protect your furniture from fading. Guaranteed.

COMMON SENSE: MEET HIGH-TECH

What are the absolute "must haves" for a great window? Energy efficiency, strength, smooth operation, warranty and protection from all types of weather -- no matter the season.

We've done the research, we've done the work and we've engineered a window that delivers technology, advanced hardware and quality glass with features that are hard (if not impossible) to match.

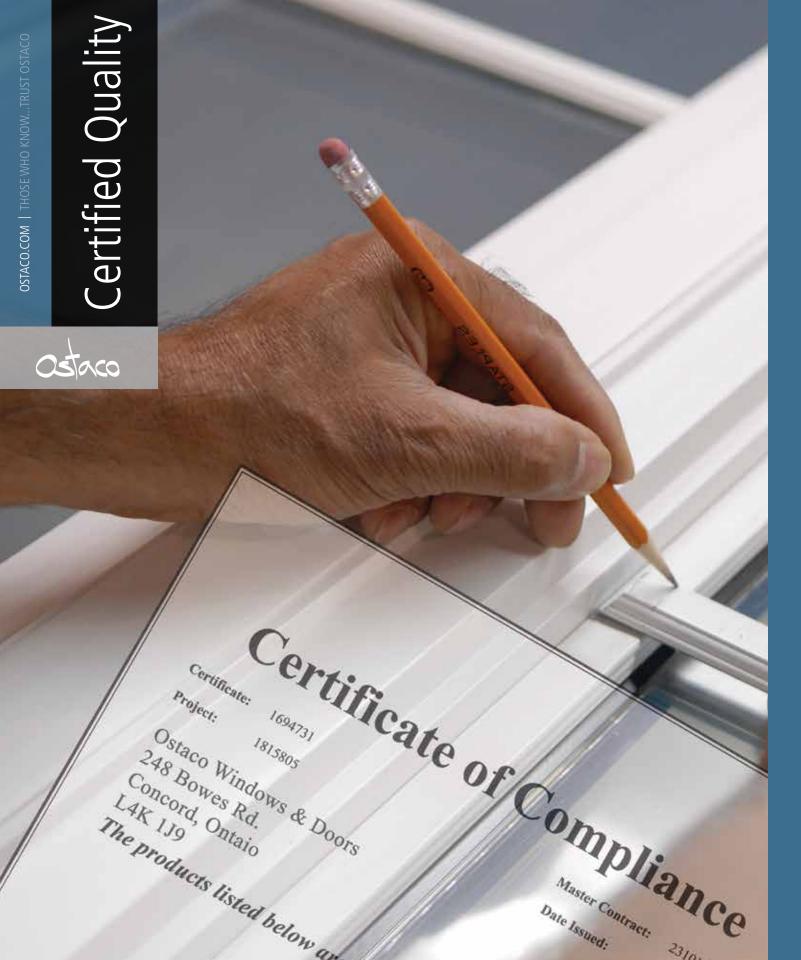
RESALE VALUE

Plan to sell your home and want to boast about the windows to prospective buyers? Go ahead. Our warranty is fully transferable. Talk about resale value!

GLASS BREAKAGE PROTECTION

Worried that the kid next door will throw a ball through your window? Not a problem. Glass replacement is quaranteed.

Coverage this impressive reflects Ostaco's confidence in the superior technology, workmanship and design of our windows. The competition doesn't stand a chance.



ENERGY STAR CERTIFIED: IT'S LIKE CALLING A WINDOW 'SIR.'





AN ENERGY STAR IS BORN

Need proof? Get this. Because our windows are designed with the latest glass and frame technologies, Ostaco has surpassed all Energy Star requirements. Call it "Mega Energy Efficient," if you like. All jokes aside, in 2013 Ostaco received Energy Star's prestigious "Most Efficient" classification. And we're proud of it.

The Energy Star label is applied only to products that achieve the highest levels of energy efficiency. (You'll see it on fridges, air conditioners and much more.)

WHO CERTIFIES OUR WINDOWS?

The Canadian Standards Association (C.S.A.) and the National Fenestration Rating Council (N.F.R.C.) set the standards we all have to meet. Our windows have been independently tested and exceed all test requirements. When you buy Ostaco windows (and we hope you will), you'll see a label affixed to each and every one. We invite you to learn more by visiting www.csa.com and www.nfrc.org.

TRADING UP? WHAT TO LOOK FOR

When it comes to energy efficiency and your home, your windows really do matter. Poorly fitting, ineffective windows represent a major source of heat and cooling loss, condensation and uncomfortable drafts. Have you ever awoken on a winter's day with stiff muscles, a cold nose or freezing toes? If so, you're either winter camping... or your bed is close to a window that's not doing its job!

HOW TO UNDERSTAND WINDOW RATINGS

Three other classifications you'll want to know about: the "U," the "R," and the "ER" value. The better insulating the window, the higher (and lower) these are. Confused? Don't be.

WHAT ARE "U" AND "R" VALUES?

The all-important U-value is directly related to energy savings because it measures the rate of heat transfer from warm to cold areas. A <u>lower U-value</u> means a better insulating window. The more common term, R-value, measures the resistance to heat transfer and is the inverse of the U-value (1/U-value). The <u>higher the R-value</u>, the more insulative the product is. You guessed it, Ostaco windows have ultra-high R-values and superlow U-values.

WHAT IS "ER" VALUE?

The <u>higher the number</u>, the more energy efficient the product. Ranging from 0 to 50, ER-value is calculated by balancing U-value with its potential solar heat gain coefficient (SHGC) and its airtightness. Once again, our windows are top of their class.



HIGH-TECH GLASS MAKES PERFECT SENSE.

At a 1 3/8" thickness, our "true-triple" pane glass package achieves more than 30% better U-value over the competition's "skinny triple" glass. And yes, 1 3/8" is the optimal thickness for energy performance, which means it keeps your house cool in the summer and warm in the winter. (This is Canada after all, eh.) Plus, our LoE coating is molecularly bonded onto the glass -- not baked. Translation? Our LoE glass doesn't have a haze like some of our competition.

LoE-180 - HIGHEST VISIBILITY

When the weather turns frigid, our LoE-180 coating provides the highest rated ER-value on the market. With 80% visibility, it blocks 76% of the sun's damaging UV rays. It is the perfect cold remedy with its excellent insulating capability, blocking heat loss and reflecting heat back into the room.

LoE²-272, BALANCED PERFORMANCE

Whether it's -20° or 110° in the shade, our LoE²-272 coated glass delivers year round comfort. And with 72% visibility, it blocks 84% of the sun's damaging UV rays. In winter, it reflects heat back into the room. In summer, it rejects the sun's heat.

LoE³-366, ULTIMATE PERFORMANCE

Delivering the ideal balance of solar control and high visibility, LoE³-366 coatings provide the highest levels of year-round comfort and energy savings. With the best U-value, LoE³-366 has 66% visibility and it blocks 95% of the sun's damaging ultraviolet rays, which is a leading cause of fading.

LoE-i89, NEWEST TECHNOLOGY

Introducing our new energy-saving 4th surface (roomside) coating. It offers more light transmittance and less reflectance.

Coupled with our other LoE coatings,

LoE-i89 achieves the best ER- and U-values possible.

SOUND RESISTANCE

Busy street? Noisy neighbours? Need to sleep better? We want your home to be a sanctuary of peace and quiet. Create the ultimate sound barrier by adding lamination to our Argon-filled glass packages.

ARGON GAS

This miracle gas goes between each pane of glass -- at a 90% fill rate, guaranteed. Argon gas significantly reduces the amount of electricity used in your home by keeping heat and cold where they belong! Did you know there's 'good' light and 'bad' light? Argon gas allows visible light to come into your home while filtering out harmful UV rays to protect your furniture, drapery and carpets from damage.

ENDUR IG - NEWEST WARM EDGE SPACERS

The latest in spacer technology -- a patented low conductivity warm-edge spacer separates individual panes of glass.

Endur spacers have the lowest failure rate in the industry and are backed by a 20-year warranty.

LESS CLEANING

Add an invisible titanium dioxide coating called "Neat." It harnesses the sun's UV rays to loosen dirt so water can rinse it away, leaving windows virtually spotless. Your windows will stay cleaner longer.



PEEL AWAY PROTECTION

Add a protective film to your glass called "Preserve" to shield your glass from damage during construction. No stressful scraping and cleaning -- simply peel away the dirt.







SHAPES & COLOURS TO MATCH EVERY STYLE.

Let's be frank. Sometimes "beautiful on the inside" actually means "not so beautiful on the outside."

Ostaco believes in making a window that's lovely to behold -- both inside and out.

THE SHAPES YOU WANT

It used to be that if you wanted the window to open, you had to order a rectangular shape. We're excited to craft the window you really love -- in virtually any shape, large and small. Camber top casements? Trapezoids? Octagons? Bays? Bows?



IN GLORIOUS TECHNICOLOUR

Do you love colour like we do? Some people adore colour and want plenty of choices. Other people prefer to pick from a few gorgeous options. Choose from our extensive list of popular colours or let your imagination run wild and go completely custom -- Butter Pecan in the kitchen, Cloud White in the bathroom, Paradise Blue in the bedroom... you get the idea. After all, they're your windows.

But what about our paint quality? Our innovative paint formula creates an extremely durable finish that resists scratching, pitting, peeling, chipping and fading.



SHUTTERS-TO-GO WITH YOUR WINDOWS.

Each shutter system is custom-built and factory-installed to fit most window shapes perfectly: eyebrow, half-circle, quarter circle and many more! Transform your windows into fashion statements -- and have fun doing it.

DESIGNER STYLE

Ostaco shutters give you that designer look with total light control and privacy at your fingertips. Add a sense of luxury to virtually any room and ensure years of great performance. Choose your frame style to cleverly match your decor in either a traditional tilt-bar or an offset tilt-bar shutter.

AT OSTACO WE STAND BEHIND OUR PRODUCTS

- 25-year warranty
- Unconditionally guaranteed
- Energy efficient
- Hollow design provides the best insulation barrier
- Waterproof
- Perfect for any high moisture areas
- Non-porous
- Resists mold and mildew
- Child safe
- No choking hazard from cords
- Fire retardant
- NFPA-701 certified
- Washable
- Easily cleaned with soap and water
- Strong and durable
- Will not warp, crack, peel or fade
- Lightweight design
- Outperforms heavier products

ROTATION SYSTEM & LOUVER SIZES



Tilt-Bar

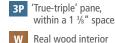


Offset Tilt-Bar*

*Available in Plantation (3.5") and California (2.5") Louvers







available NA Not available.



FIXED CASEMENT

- Core 3 1/4" 2P 3P
- Core Plus 4 %16" 2P
- enersense 5 ¾" 2P 3P W



CASEMENT

- Core 3 1/4" 2P 3P
- Core Plus 4 %16" 2P
- enersense 5 ¾" 2P 3P W



CAMBER TOP CASEMENT

- Core 3 1/4" 2P 3P
- Core Plus 4 %16" 2P
- enersense 5 ¾" 2P 3P W



PICTURE (LOW PROFILE) Core 3 1/4" 2P 3P

Core Plus 4 %16" 2P

enersense 5 3/4" 2P 3P W



Core 3 1/4" 2P 3P

Core Plus 4 %16" 2P enersense 5 ¾" 2P 3P W



Core 3 1/4" 2P 3P

Core Plus 4 %16" 2P

enersense 5 ¾" 2P 3P W



- Core 3 1/4" 2P Core Plus 4 %16" 2P
- enersense 5 ¾" NA



SINGLE HUNG

- Core 3 1/4" 2P Core Plus 4 %16" 2P
- enersense 5 ¾" NA

ENERSENSE SINGLE HUNG - COMING SOON.



Core 3 1/4" 2P 3P

Core Plus 4 %16" 2P

enersense 5 ¾" 2P 3P W

WOOD SEAT AVAILABLE



Core 3 1/4" 2P

Core Plus 4 %6" 2P enersense 5 ¾" NA



Core 3 1/4" 2P

Core Plus 4 %16" 2P enersense 5 ¾" NA

ENERSENSE DOUBLE HUNG - COMING SOON.



Core 3 ¼" 2P 3P

Core Plus 4 % 2P

enersense 5 ¾" 2P 3P W

WOOD SEAT AVAILABLE.

THICK VINYL - NEEDS TO BE FUSION WELDED

Ostaco uses premium vinyl and glass to provide superior protection against air and water infiltration. Our vinyl is so thick and has so many chambers that we need to fusion weld the corners. This creates a 100% bonded seal, providing superior strength, durability and protection over most other windows.

UPGRADED HARDWARE

We take the guess work out of it for you and choose the best fit for smooth, unwavering operation. Our windows come with upgraded hardware: luxury handle sets, load balancers, heavy-duty hinges and multi-point locks.

SOUND CONTROL

Our thick vinyl frame has tons of sound dampening chambers. Create the ultimate sound barrier by adding lamination to our Argon-filled glass packages.

TILT LATCHES - CLEANING MADE EASY

Our sleek tilt latches allow our hung windows to tilt-in for easy cleaning. Sliders can be completely lifted out of the frame, or come with the option to tilt-in.

NIGHT LATCHES

Similar to child safety locks, these optional latches can limit how much your window opens. When engaged, they are perfect for letting in the evening breeze!

WEATHER, SCHMEATHER

Our new triple-layer "positive seal" weatherstripping stops water and air infiltration at the sill. We use self-adjusting, wool pile weatherstripping. Plus, our NEW frame profile improves sash-bulb seal contact for a consistent seal.

WATER DRAINAGE

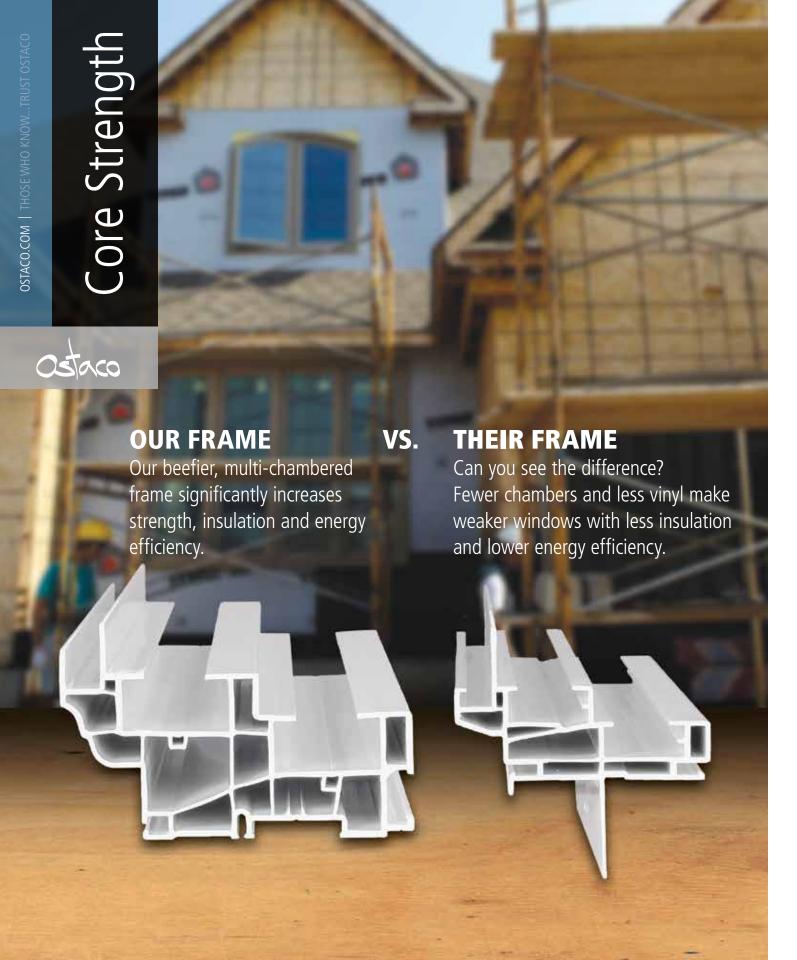
Our high-tech drainage system is most efficient, allowing our windows to breathe in order for water and air to escape and prevent residue and mold buildup.

CUSTOMIZATION

At Ostaco, the sky's the limit. Customize your windows' shape, size, colour, hardware, glass, SDL, wood, energy efficiency, sound proofing... seriously, the sky's the limit!

FINISHING TOUCHES

Our window frames, glass and hardware are already upgraded so you don't need to worry. We take the time and care to make sure your windows look their best. All windows are quality inspected and receive a signature before they leave our plant. After running through our automated cleaner, we hand clean our frames. When combining large windows, we add steel support bars. We screw on extensions instead of stapling. Seriously, we've got you covered.





CASEMENT & AWNING FEATURES

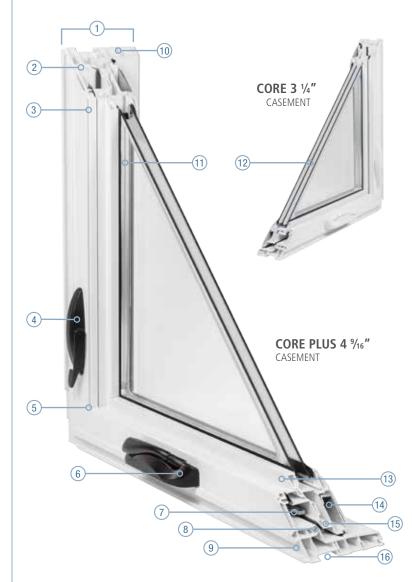


- 1 Choose Core 3 ¼" or Core Plus 4 ¾6" frame depths. Suitable for new construction, full frame replacements and retrofit applications.
- We've added even more chambers and increased our vinyl thickness over the competition. Adding insulation, sound abatement and most of all support for our "true-triple" pane glass packages.
- 3 Groove for screen installation is inside the home.
- 4 Heavy-duty, multi-point locking system comes standard.
- 5 Fusion welded corners provide strength and protection against air and water infiltration. Extra thick wall design for improved rigidity.
- 6 Luxury folding handle sets balance style and ease of operation, even with large and heavy sashes.
- NEW heavy-duty hinges support our dual and triple pane sash with effortless operation.
- 3 Self-adjusting weatherstripping provides the highest possible resistance to air and water infiltration.
- (9) Interior groove to accommodate mouldings such as jamb extensions and 3/4" drywall return.
- Provision to add windbreak to cut down on air infiltration.
- (1) Warm edge spacer(s) recessed between panes of glass minimizes glass edge conductivity. Our glass is Argonfilled, with a guaranteed 90% fill rate (we can prove it). Ventilated glass chamber helps prevent condensation.
- Core now offers "true-triple" pane glazing; 1 3%" is the optimal thickness for the best energy performance and sound reduction. Select from a range of high-tech coatings, gas fills, spacers, grilles and privacy glass.
- (3) Snap-in interior glazing bead allows easy replacement of glass from the inside.
- 4 Steel reinforcement available for larger size windows.
- 15 Internal screw boxes and extra walls ensure sturdy hardware attachment.
- 16 Provision for installation brackets.

AVAILABLE SOLID VINYL COLOURS

WHITE ANTIQUE WHITE

*Solid Antique White & Tan vinyl, only available in CORE PLUS.



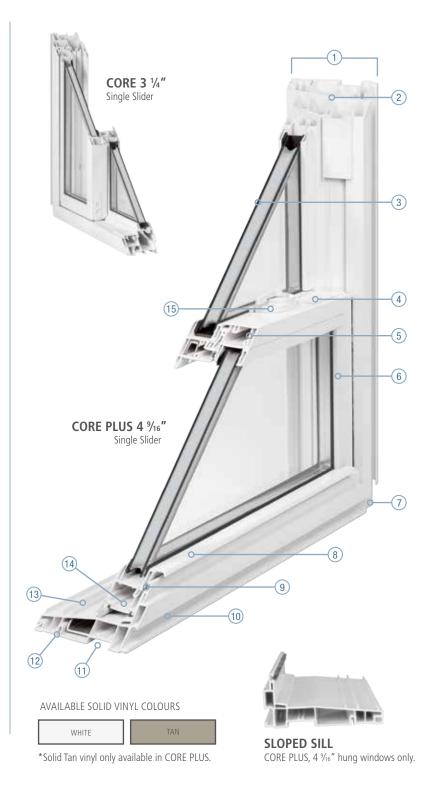




SINGLE HUNG & SLIDER FEATURES



- 1 Choose Core 3 ¼" or Core Plus 4 %16" frame depths. Suitable for new construction, full frame replacements and retrofit applications.
- 2 Multi-chambered design reduces exterior noise, adds insulation and strength, and provides thermal efficiency. Extra thick wall design for improved rigidity.
- 3 Select from a range of high-tech coatings, gas fills, spacers, grilles and privacy glass. Warm edge spacer(s) recessed between panes of glass minimizes glass edge conductivity. Our glass is Argon-filled with a guaranteed 90% fill rate. Ventilated glass chamber helps prevent condensation.
- 4 Cleaning your windows has never been easier. Tilt latches tilt your windows inward.
- 5 Double-walled sash design for superior strength.
- 6 Extreme weather glazing for improved safety value and thermal efficiency. Snap-in interior glazing bead allows easy replacement of glass from the inside.
- **7** Fusion welded corners provide strength and protection against air and water infiltration.
- **3** Continuous, double-walled handle provide comfortable and reliable operation.
- **9** Self-adjusting weatherstripping provides the highest possible resistance to air and water infiltration.
- (1) Interior groove to accommodate mouldings such as jamb extensions and 3/4" drywall return.
- 11 Provision for installation brackets.
- 12 Provision for windbreak to cut down on air infiltration.
- (3) Screen channel designed for screen removal from inside your home. Half screen and full screen are available.
- 14 Steel reinforcement available for larger size windows.
- (5) Steel mounted zinc locks are much stronger and much more secure than plastic.

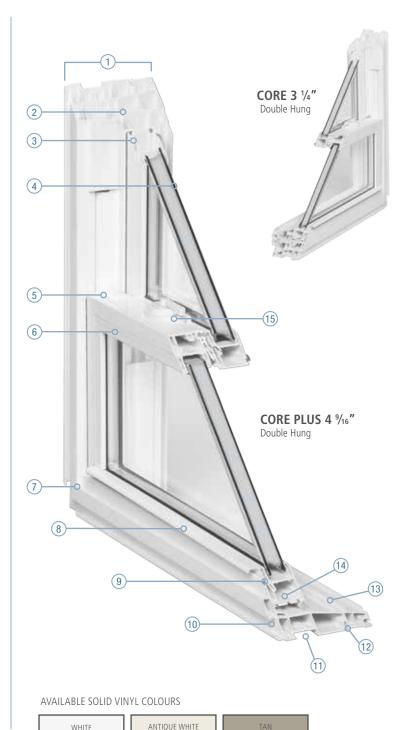


DOUBLE HUNG & SLIDER FEATURES



- 1 Choose Core 3 ¼" or Core Plus 4 %16" frame depths. Suitable for new construction, full frame replacements and retrofit applications.
- 2 Multi-chambered design reduces exterior noise, adds insulation and strength, and provides thermal efficiency. Extra thick wall design for improved rigidity.
- 3 Double-walled sash design for superior strength.
- Select from a range of high-tech coatings, gas fills, spacers, grilles and privacy glass. Warm edge spacer(s) recessed between panes of glass minimizes glass edge conductivity. Our glass is Argon-filled with a guaranteed 90% fill rate (and yes, we can prove it). Ventilated glass chamber helps prevent condensation.
- 5 Cleaning your windows has never been easier. Tilt latches tilt your windows inward.
- 6 Extreme weather glazing for improved safety value and thermal efficiency. Snap-in interior glazing bead allows easy replacement of glass from the inside.
- **7** Fusion welded corners provide strength and protection against air and water infiltration.
- (8) Continuous, double-walled handle provide comfortable and reliable operation.
- 3 Self-adjusting weatherstripping provides the highest possible resistance to air and water infiltration.
- 10 Interior groove to accommodate mouldings such as jamb extensions and 3/4" drywall return.
- Provision for installation brackets.
- Provision for windbreak to cut down on air infiltration.
- 3 Screen channel designed for screen removal from inside your home. Half screen and full screen are available.

 *Half screen not available on Core Plus double hung windows.
- Steel reinforcement available for larger size windows.
- (15) Steel mounted zinc locks are much stronger and much more secure and attractive than plastic.



*Solid Antique White & Tan vinyl, only available in CORE PLUS.

Natural Wood OSTACO At the heart of your home. Finally... a high quality, maintenance-free vinyl window that shows off warm, wonderful wood on its interior surfaces. **Most Efficient**

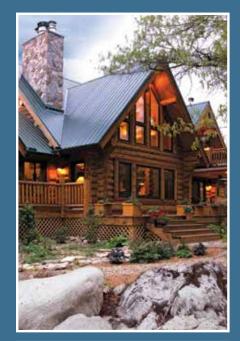
WOOD WINDOWS WITHOUT THE MAINTENANCE

What's not to love about wood windows? Wood is warm, wood is natural -- and wood is timeless. Unfortunately, traditional wood windows can rot, mold and warp after being in high moisture areas. On the other hand, vinyl is virtually maintenance free. Ostaco wants you to have it all. Energy efficient, brand new windows with a maintenance-free vinyl on the outside and a gorgeous, natural wood finish on the inside.

Love choice? Ostaco delivers once again. Enersense windows come with all the lovely options you can think of. A variety of wood? Why not. Any brickmould you can imagine? Try us. Shapes, sizes, colours and a dazzling range of hardware options? Naturally.

Our lavish use of real wood inside gives the look of fine crafted wood windows without the maintenance. The Ostaco Enersense Wood Series is available in pine, cherry, oak or your choice of custom wood interior. It's all ready for staining... or simply seal with a clear finish to enjoy the gorgeous natural grain and colour.

For those that want a painted wood look, Enersense is available with a Cellular PVC interior. Although it's pre-finished a beautiful Cloud White, it can be painted any colour. Cellular PVC offers the added benefit of being maintenance free on the inside too!













Oak

Cherry

*Custom wood options available.

INSTALLATION MAKES A BIG DIFFERENCE.

When you're buying the most technologically advanced window available, you want installation to match. Quite frankly, if it's not properly installed, your windows will never perform the way it should.

This is why our windows are specifically designed to be the most installation-friendly windows on the planet. Ostaco windows arrive at your door square and true because of their extra thick, premium quality PVC frame. (Translation: no buckling, no warping, no weirdness.)

Our installers are trained (and maybe even genetically predisposed) to make sure your window installation is done in a professional and aggravation-free manner.

READY TO BUY...OR JUST CURIOUS?

Want more info? Have technical questions? Keen to get our windows in your house, like, tomorrow? Whatever the case, our dealers will make your contact with them an enlightening experience. (Enlightening, get it?) We love window jokes.

Most importantly of all, we want you to think of us (in a good way!) when you open your hydro or gas bill.



CUSTOMER LOYALTY.

SURPASSES ANYTHING WE HAD SEEN

"To say we are happy with our purchases would be an understatement. The quality of the products surpasses anything we had seen elsewhere while shopping around for what is surely a major home improvement."

Betty & Less Gorven

BEAUTIFULLY CONSTRUCTED

"Most people would not spend as much time researching windows as we did... We soon came to the conclusion that Ostaco produced the windows we were looking for. They were beautifully constructed, and I was immediately impressed by their solid feel, and the precise gliding of the window mechanism... my wife loved the fact that the Enersense windows came with a factory installed interior paint colour of her choosing... We had the opportunity of visiting the new Ostaco factory, and were taken aback by how beautifully laid out and organized the factory was. The staff was ever so courteous, helpful, and knowledgeable."

Dr. Bernd Neu & Susan Neu

EXTREMELY SATISFIED

"I just wanted to send another commendation to you and your team. Once again we are so happy with the great job installing, clean up, etc. and yes, we are extremely satisfied with our Ostaco windows. Thanks again to all of you."

A & J Cadeau

SUBSTANTIAL REDUCTION IN MY FUEL BILL

"I wish to tell you about all the difference the installation of Ostaco windows has made not only around the main body of my house, but more particularly in the sunroom. I have been able to enjoy it all winter long whereas in years past, I found it too cool to use it much in the winter. An added benefit has been in a substantial reduction in my fuel bill."

C. Woods