



ENVIROGUARD
Cellular PVC WindowsTM

- DOUBLE-HUNGS**
- CASEMENTS**
- SASH REPLACEMENT KITS**

Enviroguard™ is the NO ROT Alternative to Wood

Enviroguard™ Windows have the traditional look of wood windows with all the benefits of cellular PVC construction. They will not rot yet they are paintable.

Enviroguard™ is a cellular PVC material that is impervious to water and insects. This high performance material resists cracks and swelling, which helps provide high paint adhesion properties. We use only 100% Enviroguard™ on the sash, sill and all exterior parts of all standard size and custom built windows.

**We call it a technological breakthrough.
You'll recognize it as a smart investment.**

All of the Enviroguard™ double-hung windows have been structurally tested for wind and water resistance by a nationally certified testing facility. A rating of DP-30 was achieved, which meets or exceeds building code requirements for our market areas.



Enviroguard™ windows



Feature radius window

20-10-25 Warranty

Glass is warranted against seal failure for 20 years. The factory-applied primer coating is warranted for 10 years against peeling, flaking or blistering, and the PVC components are warranted against rot, warpage or corrosion for 25 years.

All this adds up to peace of mind for the homeowner. Visit www.norot.com for more details on painting instructions and exclusions.

	CELLULAR PVC WINDOW	PINE WINDOW
Average Density	0.50	0.43
Screw Holding	Face 298# Edge 268#	293# 231#
Water Absorption (%)	< 1.0	15-35

THE BT30 ADVANTAGE



- Block and Tackle balance system for ease in operation and durability.
- EZ-Tilt latches for convenience in cleaning.
- Compression jamb liners without tilt latches available as option.
- Finger lifts on both sash available as option.
- 4-9/16" standard jamb width. Other jamb widths available upon request.
- Available with PVC trim brickmould, 5/4 x 4 and other trim options (page 5).
- AAMA Certified and NFRC Rated for peace of mind and outstanding energy efficiency.
- DP50 upgrade available.
- Competitively priced.
- Energy Star certified.
- Tempered or obscure glass available.
- Simulated Divided Lite available in 7/8", 1-1/8" and 1-1/4" colonial bar (spacer bar optional). Putty glazed look available upon request (spacer bar optional). 5/8" SDL also available upon request (no spacer bar available with this size).
- Available prefinished in a wide choice of colors (page 5).
- GBG available in 5/8" and 7/8" flat, contoured GBG available in 3/4" and 1".
- Stud pockets available.



EZ-Tilt latch

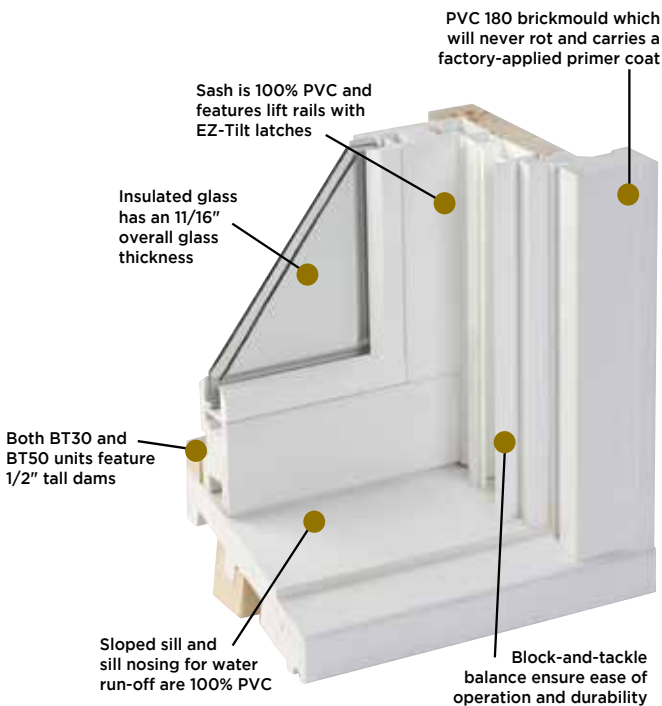


EZ-Tilt feature for easy cleaning

THERMAL PROPERTIES

	STANDARD CARDINAL LOW E 270 W/ARGON	OPTIONAL CARDINAL LOW E 366 W/ARGON
U-Factor	.28	.27
SHGC	.26	.20
VT	.50	.46

All values without GBG. Values with GBG will vary slightly.
SHGC: Solar Heat Gain Coefficient
VT: Visible Light Transmittance



Transom Sash Units available in heights of 10" inside jamb, (11-1/2" outside jamb), 12" (13-1/2" outside jamb) and 14" (15-1/2" outside jamb) overall unit as standard, in all single mull, triple widths. Direct Set Units available, custom widths and heights.

Glass Size Rght. Open Sash Open	16" 1'8"	20" 2'0"	24" 2'4"	28" 2'8"	32" 3'0"	36" 3'4"
16" 42" 3'2"						
20" 50" 3'10"						
22" 54" 4'2"						
24" 58" 4'6"						
28" 66" 5'2"						
30" 70" 5'6"						
34" 78" 6'2"						
24/36 70" 5'6"						

Custom sizes available. Call for quote.

double hung windows



20-10-25 Warranty

Glass is warranted against seal failure for 20 years. The factory-applied primer coating is warranted for 10 years against peeling, flaking or blistering, and the PVC components are warranted against rot, warpage or corrosion for 25 years.

All this adds up to peace of mind for the homeowner. Visit www.norot.com for more details on painting instructions and exclusions.

Standard Features

- 100% Cellular PVC Enviroguard™ exterior including exterior brickmould, sill nosing, jamb and sash.
- Wood paint grade interior jamb and sash.
- Full 4-9/16" jamb.
- 2" thick sash.
- 11/16" thick Low-E insulated double strength glass with Argon.
- Super Spacer® warm edge glass technology.
- Dual weather-strip top and sides.
- White hardware standard - other finishes available.
- Folding crank handle.
- Multi-point locking system.
- Convenient Truth "washability" hinge.
- White screens.

Options

- Operating or fixed.
- Bronze hardware available.
- Bronze screen available.
- Egress hinges available to help meet local codes.
- Stain grade interior available.
- GBG available.
- Simulated divided light available.
- Enviroguard™ Exterior Casings, 5/4 x 4 and other trim options (*page 5*).
- Obscure glass and tempered glass.
- Available prefinished in a wide choice of colors (*page 5*).



Casement Windows

ONE WIDE BASIC UNIT	ROUGH OPENING	RATING	*TWO WIDE BASIC UNIT	ROUGH OPENING
1/8 x 2/0	20-1/2" x 24-1/2"	C-R50	1/8 x 2/0 Twin	40-1/2" x 24-1/2"
1/8 x 2/6	20-1/2" x 30-1/2"	C-R50	1/8 x 2/6 Twin	40-1/2" x 30-1/2"
1/8 x 3/0	20-1/2" x 36-1/2"	C-R50	1/8 x 3/0 Twin	40-1/2" x 36-1/2"
1/8 x 3/6	20-1/2" x 42-1/2"	C-R50	1/8 x 3/6 Twin	40-1/2" x 42-1/2"
1/8 x 4/0	20-1/2" x 48-1/2"	C-R50	1/8 x 4/0 Twin	40-1/2" x 48-1/2"
1/8 x 4/6	20-1/2" x 54-1/2"	C-R40	1/8 x 4/6 Twin	40-1/2" x 54-1/2"
1/8 x 5/0	20-1/2" x 60-1/2"	C-R40	1/8 x 5/0 Twin	40-1/2" x 60-1/2"
1/8 x 5/6	20-1/2" x 66-1/2"	C-R40	1/8 x 5/6 Twin	40-1/2" x 66-1/2"
1/8 x 6/0	20-1/2" x 72-1/2"	C-R40	1/8 x 6/0 Twin	40-1/2" x 72-1/2"
2/0 x 2/0	24-1/2" x 24-1/2"	C-R50	2/0 x 2/0 Twin	48-1/2" x 24-1/2"
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2/0 x 6/0	24-1/2" x 72-1/2"	C-R40	2/0 x 6/0 Twin	48-1/2" x 72-1/2"
2/4 x 2/0	28-1/2" x 24-1/2"	C-R40	2/4 x 2/0 Twin	56-1/2" x 24-1/2"
2/4 x 2/6	28-1/2" x 30-1/2"	C-R40	2/4 x 2/6 Twin	56-1/2" x 30-1/2"
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Structural Test Method=AAMA/NWWDA 101/I.S. 2-97

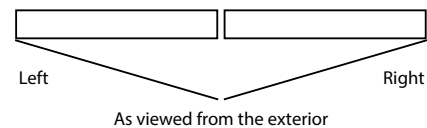
* Meets the following egress requirements. Escape or rescue windows shall have a minimum net clear openable area of 5.7 square feet. The minimum net clear openable height of 24", width of 20" and a finished sill height not more than 44" above the floor. Verify your local code requirements prior to ordering. Massachusetts allows 24" and 20" openings in either direction.

** Special order egress hinge available and must be specified when ordering. Note: Washability gap is eliminated when egress hinge is used.

	STANDARD CARDINAL LOW E 270 W/ARGON	OPTIONAL CARDINAL LOW E 366 W/ARGON
U-Factor	.27	.26
SHGC	.26	.19
VT	.48	.44

All values without GBG. Values with GBG will vary slightly.
SHGC: Solar Heat Gain Coefficient
VT: Visible Light Transmittance

3, 4, 5 and 6 wide mulled units available in combination of operating and fixed units. To calculate rough opening width, use single unit (basic unit size) x number of units wide + 1/2".



casement windows

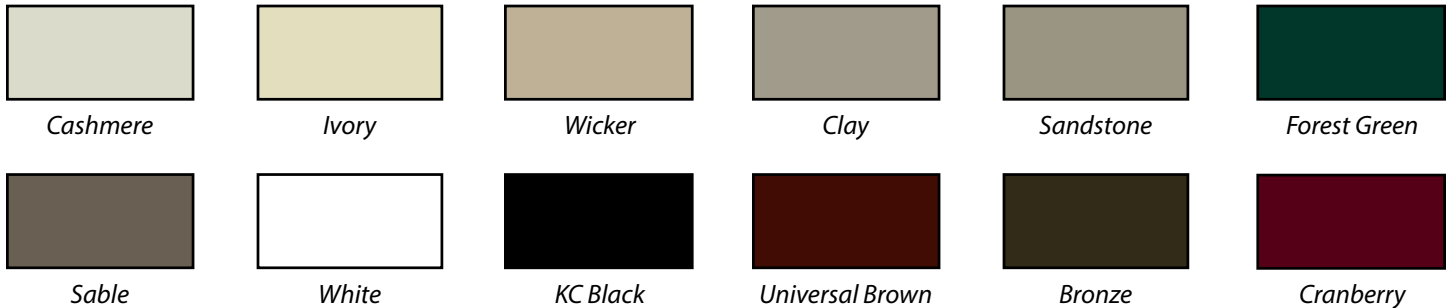
Pre-finished Options (in textured Euro Finish)



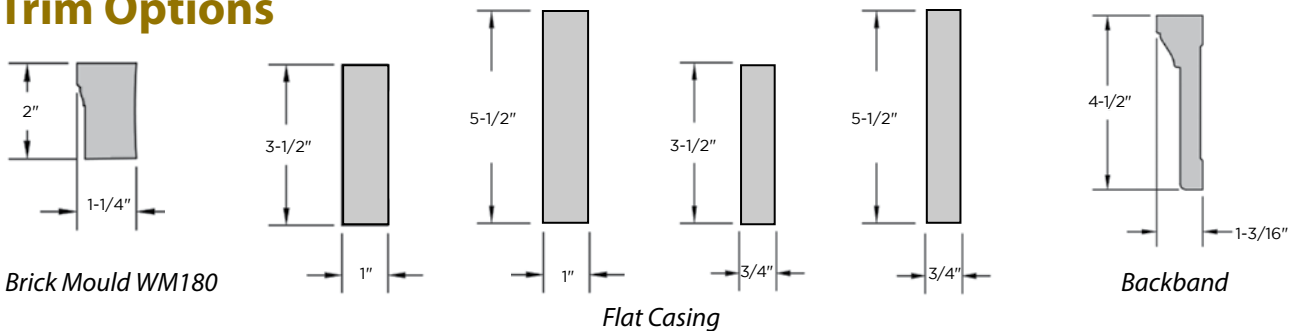
For greater paint and color protection, choose our pre-finishing option for your new cellular PVC Enviroguard™ windows.

Enviroguard™ uses the patented Royal Spectra Coat™ technical coloring system - paints and applications that are specifically engineered for adhesion to cellular PVC surfaces while creating long-lasting color vibrancy. Covered by a 20-year RoyalBond warranty, our pre-finished windows have proven durability in all weather conditions without peeling, flaking or cracking.

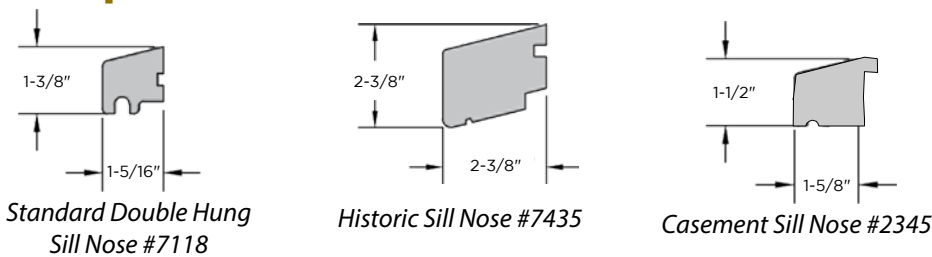
Enviroguard™ offers 12 standard color choices and 14 premium color choices. Custom colors through computer matching are also available on request.



Trim Options



Sill Options



options

Sash Replacement Kit

To fix a faulty window sash was once a costly, messy, lengthy and intrusive process. Now, with the Enviroguard™ Block and Tackle sash replacement kit, we offer a faster, easier, cleaner and more affordable way to replace a window sash on double-hung windows. How? The Enviroguard™ Sash Replacement Kit enables homeowners to simply replace the sash and not the entire replacement window unit*, keeping cost and mess to a minimum and cuts replacement time down from hours to just minutes per window.

Impervious to rot and insects, the Enviroguard™ BT30 Block and Tackle double-hung replacement sash kit is not only an affordable and easy way to replace windows*, but they are beautiful and durable. Constructed with the highest quality cellular PVC, our sash replacement kits have all the natural characteristics of wood, including great appearance—without the shortcomings. They won't rot, peel, splinter, decay, nor absorb moisture.

Unlike vinyl windows, Enviroguard™ cellular PVC double hung sash kits can be painted, look like real wood, and maximize glass space.

**Assumes that the window frame is not rotted and is still structurally sound.*



Options

Enviroguard™ BT30 Block and Tackle rot proof cellular PVC replacement sash units feature the following options:

- Pre-finishing: 25 paint color options plus custom color match available.
- Interior stainable clearwood finish.
- Bronze hardware (white is standard).
- Beige jambliners (white is standard).
- GBG (grilles between the glass) 5/8", 7/8" flat or contoured grilles.
- SDL (simulated divided lights) available in 7/8", 1-1/8" and 1-1/4" widths, putty glaze look available, which are applied to both interior and exterior surfaces of sash to simulate true divided light sash. 5/8" SDL available without inner bar.
- KD removable wood insert grilles available.
- Custom light arrangements.
- Multiple glass options including energy efficient Low-E glass, Argon, tinted glass, obscure glass, tempered glass and more.
- Custom size and field measured screens available.



- FEATURE WINDOWS
- PICTURE WINDOWS
- RADIUS UNITS
- FIXED WINDOWS
- AWNING WINDOWS

Custom sizes available. Please call for pricing.



1255B Grand Army Highway | Somerset, MA 02726
phone 800-899-4533 fax 508-235-4431

235 Dividend Road | Rocky Hill, CT 06067
phone 800-486-7600 fax 800-486-0513

120 Defreest Drive, Suite 19 (Rensselaer Technology Park)
Troy, NY 12180
phone 800-350-0448 fax 518-861-5061

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