

- A** Wide selection of standard interior and exterior finish options
- B** Unique sash and frame geometry allowing for hidden hinges
- C** Flexible glass package options with IGU thickness up to 1 3/8" (40 mm)
- D** Keyed hardware options
- E** Full perimeter multi-point lock system

- F** Options include Tilt-In, In-Swing and Tilt-Out, Out-Swing
- G** Tilt in for ventilation, swing open for wide-open access
- H** Five chamber seal and five chamber sash design
- I** Continuous triple weather seal design with compression seals

## INSIDE & OUTSIDE: THE REVOLUTION IS IN COLOR

Mix, match and make magic with the colors of Revolution XL®.

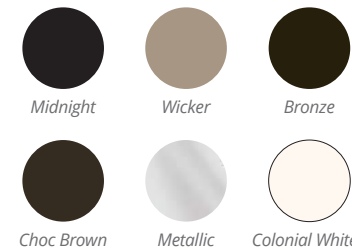
No matter what the design calls for, Revolution XL provides today's richest saturated colors, stunning natural woodgrain finishes, and typical aluminum-style finishes to create the perfect inside/outside solution. Choose from one of our standard colors, create a custom color, or mix and match colors to suit your interior and exterior needs.

And because it's backed by Deceuninck, our laminates perform with the power of Solex™ technology, providing curb appeal, color retention and weather resistance.

### INTERIOR FINISHES



### INTERIOR & EXTERIOR FINISHES



With our Solex™ laminate solutions, Deceuninck offers faux wood laminates and a large selection of solid color options. Combine interior color preference with heat-reflective exterior laminate for curb appeal and unrivaled quality, color retention and weather resistance.



An advanced material developed through an intensive manufacturing process and formulated to withstand the harsh effects of weather and ultraviolet light.

Sunshield® is an environmentally minded compound that exceeds all required material standards for strength.

## deceuninck | BUILDING A SUSTAINABLE HOME

For more information, call 877-563-4251 or email [dna.info@deceuninck.com](mailto:dna.info@deceuninck.com)  
[www.DeceuninckNA.com](http://www.DeceuninckNA.com)



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# deceuninck



## revolutionXL®

Tilt & Turn

WINDOWS, DOORS, TILT & TURN, TILT & SLIDE, LIFT & SLIDE, TERRACE DOOR

[deceuninckna.com](http://deceuninckna.com)



LEARN MORE



## YOU SAY YOU WANT A REVOLUTION

Revolution XL® is a high-performance window and door system that achieves the best of both worlds: a European-style product with the ability to retrofit for U.S. applications.

Ideally suited for commercial applications, Revolution XL delivers a full suite of products with flexible design and a range of colors and finishes available, achieving a similar appearance as aluminum with superior thermal performance.

This system provides acoustic excellence for installations where optimum acoustic performance is required, and is designed for impact rated coastal applications.

Revolution XL excels in style, thermal capability, resistance to water infiltration and overall performance. There are two available frame options:

- Euro frame (2 1/8")
- North American frame (3 1/4") with a built-in accessory groove for U.S. installations

Plus, our flexible design means many configurations are available using a low number of PVC profiles – resulting in lower inventories for manufacturers.

### AN OPEN & SHUT CASE FOR PERFORMANCE

- **Tilt-in, in-swing windows.** The top of the sash tilts in for secure, indirect ventilation, and swings in for added access.
- **Tilt-out, out-swing windows.** Enjoy wide open views when you tilt or swing out with the touch of a handle.
- **Tilt-in, in-swing terrace and French door.** Tilt in from the top for ventilation, or swing in this door for entry and exit.
- **Lift and slide, multi-panel patio door.** Open up as little or as much as you want with this enhanced performance configuration.
- **Lock it shut.** The sash locks with a single movement of the handle. The Revolution XL system incorporates the latest developments and performance enhancements of the European hardware features including the full perimeter multi-point locking system resulting in an incredibly secure and structurally sound window.

## FORM, FUNCTION, & FULL OF FEATURES

Revolution XL is an architect's dream. Form and function are integrally balanced to create a triumph of high-tech engineering. Using computer modeling to optimize structural integrity, thermal performance, and functional durability.

- Two frame options, Euro and North American
- Deceuninck North America's Revolution XL Tilt & Turn window is now a certified Passive House Component, representing the global pinnacle of high-performance sustainability. Revolution XL Tilt & Turn Passive House Edition window is perfect for passive house projects
- Structural performance enhanced due to heavy gauge galvanized roll formed steel reinforcement
- Thermal, acoustical and hurricane performance enhanced because of the ability to glaze up to 1 1/2" IGUs
- Many configurations using limited number of PVC profiles – reduced inventory; flexible design, ease of manufacture
- Compression seal technology delivers exceptional resistance to air and water infiltration
- Low-profile styling for minimum bulkiness and maximum daylight
- A broad range of architectural colors, external metallic finishes and internal woodgrain patterns
- A full complement of installation accessories
- PTAC option available for commercial applications

### HARDWARE OPTIONS

TILT & TURN	MULTI-POINT HARDWARE	HIDDEN HINGES	VISIBLE HINGES	HANDLE WITH KEY LOCK	VISIBLE HANDLE MATERIAL / COLOR / FINISHES OPTIONS
Dual Action	Standard	Standard	Optional	Optional	Standard

### DUAL ACTION TILT & TURN WINDOW DESIGN

AAMA Rating (NAFS).....	C-100
Air Infiltration.....	<. 02 CFM/SF @ 6.24 PSF
Water .....	No Leakage @ 15.00 PSF
Structural .....	+/- 160 PSF
Blast .....	GSA TS01: 3b
Large Missile Impact Including Miami Dade .....	DP-100, Wind Zone 4

### DESIGN THERMAL U-FACTORS

GLAZING	GLASS CONFIGURATION	GAS	U VALUE	R FACTOR
Double	DS SB70 #2/DS EPS #4	Argon	0.208	5
Double	DS SB70 #2/DS EPS #4	Krypton	0.195	5
Triple	DS SB70 #2 AND #4/DS EPS #6	Argon	0.145	6
Triple	DS SB70 #2 AND #4/DS EPS #6	Krypton	0.138	7



Passive House Edition Available

## FEATURES & BENEFITS

PERFORMANCE FEATURES	BENEFITS
Structural glazing – the glass is fully bonded to the sash members	Increased structural and hurricane impact performance, improved water resistance and decreased air infiltration under high wind loads
Flexible glass package options with IGU thickness up to 1 1/2" (40 mm)	Improved thermal performance of U 0.138 (R7)
Continuous triple weather seal design with polymer compression seals	Improved thermal, water and sound performance
Five chamber frame and five chamber sash design	Improved thermal, water and sound performance
Full perimeter multi-point lock system	Improved thermal, water, security, air infiltration and sound performance

DESIGN FEATURES	BENEFITS
European style frame and sash design	Sleek, stylish appearance allowing maximum daylight and sightlines
North American frame design (3 1/4") option, with built in accessory groove	Ideal for U.S. retrofit window installation projects
Innovative frame design allowing multiple frame accessories	Accommodates multiple commercial installation methods including systems and masonry clips
Integral nailing fin	Fast, seamless installation for new construction applications
Wide selection of standard interior and exterior color options featuring Solex™ technologies	Superior design flexibility and integrity with exceptional weathering performance
Full range of window and door systems offered	Aesthetically integrates windows and doors for a unified look
Available sash cross bar and frame center bars	Additional design and installation flexibility
PTAC option available	Packaged terminal air conditioners integrated for hotels and other applications

HARDWARE FEATURES	BENEFITS
Designed to accommodate many hardware systems	Maximum hardware style and function flexibility
Keyed hardware options	Windows can be keyed for single operation only: open for ventilation only or full opening for complete access
Unique sash and frame geometry allowing for hidden hinges	Seamless interior aesthetics
Hardware is designed to be secured into reinforcements	Increased durability and performance

