

Novatech®

BALCON IDÉAL inc.

Balcons · Rampes · Escaliers · Portes · Fenêtres

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500 Series Patio Doors



The 500 Series

The Reference in
PVC Patio Doors



The 540 and 550 doors offer **exceptional energy efficiency** that meets the **Energy Star** standard while the Element door features **superior durability** and an **outstanding finish** thanks to its aluminum cladding. Their wide choice of sizes and configurations are suitable for any type of building.

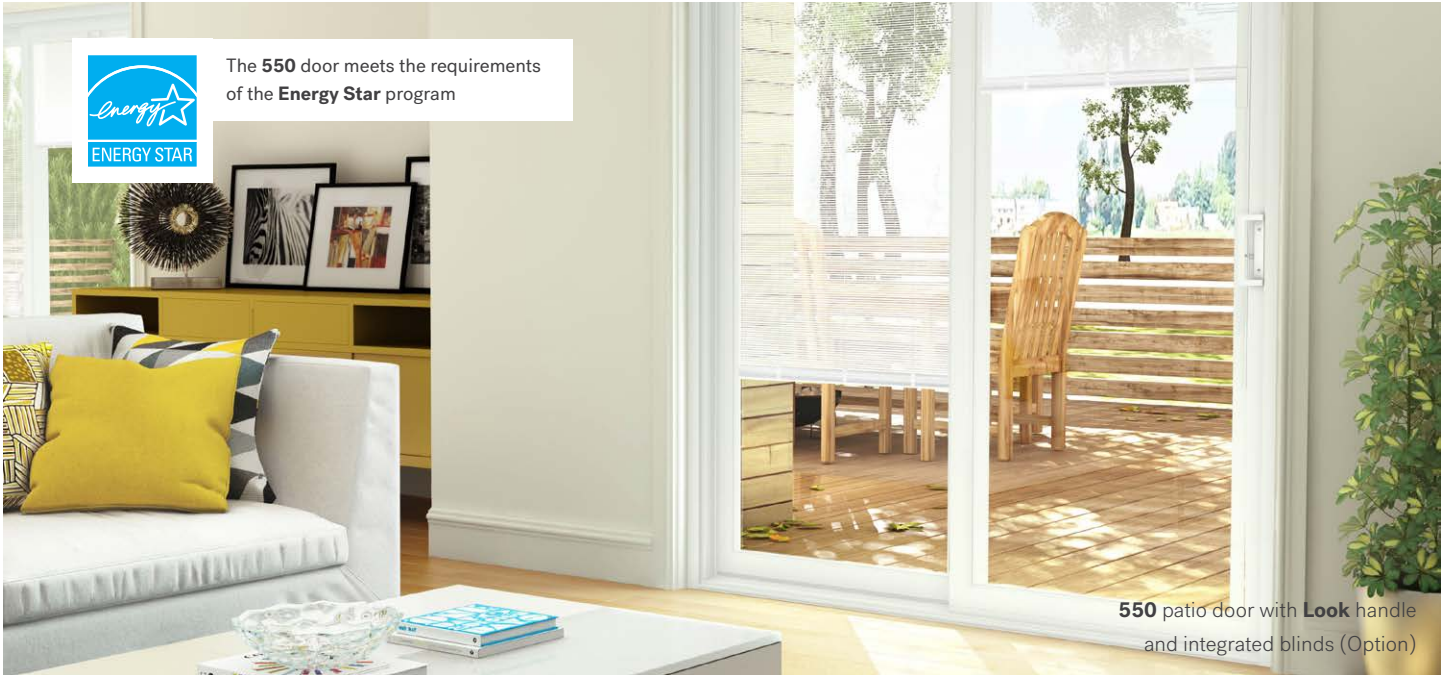


The **540** door meets the requirements of the **Energy Star** program

540 Patio Door

The **540** door: Simple and bright

With a **quality finish**, the 540 patio door adapts to any type of project. Thanks to its **large glazed surface**, you can make the most of the view while filling your house with natural light.



The **550** door meets the requirements of the **Energy Star** program

550 patio door with **Look** handle and integrated blinds (Option)

The **550** door: Quality assured

With its **clean profile** and **elegant handle**, the 550 door offers a **modern look** that blends in with your decor. Its **many options**, including integrated blinds, will allow you to customize your door to perfectly match your environment. This high-quality door is a sure value.



The **Element** door meets the requirements of the **Energy Star** program with the Triple-pane glass option

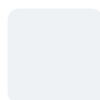


Element patio door with integrated blinds and **View** handle in oil rubbed bronze (paint) finish

Add color with the **ELEMENT** door

The advantages of a patio door with **aluminum cladding** are undeniable: **enhanced look, strength and durability**. With its **5 trendy colors**, Element allows you to personalize your door. Let your creativity run free to create the incredible decor you dream of.

Five colors of exterior aluminium cladding **at no additional cost!**
Standard white PVC interior.



White
(Blue tint)



Clear
anodized



Charcoal



Commercial
Brown



Black

540

Wood Frame / PVC

550

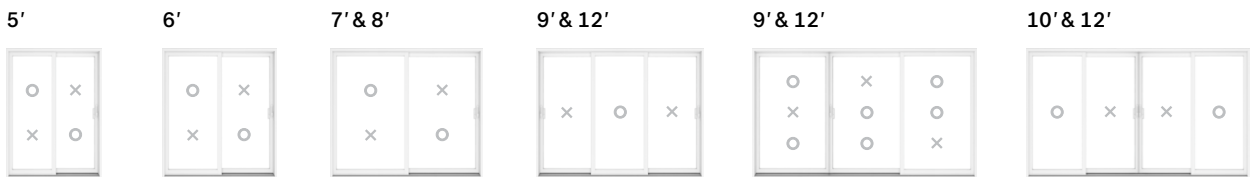
Wood Frame / PVC

ÉLÉMENTHybrid
Wood Frame / PVC
/ Aluminum**Features**

	540	550	ELEMENT
Frame			
Aluminum clad frame			✓
Frame depth	5 3/4", 7 1/4", 9 3/4"	5 3/4" to 11 3/4"	5 1/2" to 11 3/4"
Quick draining sill sloped at 9°	✓	✓	✓
A Pocket Covers	PVC inside — Option	PVC inside and outside — Option	Aluminium outside — Included PVC inside — Option
B Aluminum sill cover	Option	Option	✓
Give your 550 door a superior look and finish with these two options.			
Sash			
Aluminum clad sash			✓
45° fusion welded corners and interior glazing stops		✓	✓
Steel reinforcements in the vertical stiles	✓	✓	✓
Exterior Colors			
White	✓	✓	
Black (Painted)	Option	Option	
Five standard colors of aluminum cladding			✓
Custom colors		Option	Option
Insulated Glass			
Tempered Low E glass with low-conductive spacer	✓	✓	✓
Hardware			
Look contemporary style handle		✓	✓
View contemporary style handle		Option	Option
9600 Handle	✓		

Options

Configurations OPERATING PANEL FIXED PANEL (OUTSIDE VIEW)



540	59 1/2" x 79 1/2"	71 1/2" x 79 1/2"	94 1/2" x 81"			
	58 1/2" x 81"	70 1/2" x 81"				

550	59 1/2" x 79 1/2"	71 1/2" x 79 1/2"	82 1/2" x 81"	105" x 79 1/2"	107 3/16" x 79 1/2" (OXO)	116 7/16" x 79 1/2"
	58 1/2" x 81"	70 1/2" x 81"	83 1/2" x 95 1/2"	103 7/16" x 81"	107 3/8" x 79 1/2" (XOO or OOX)	114 1/2" x 81"
	59 1/2" x 95 1/2"	71 1/2" x 95 1/2"	95 1/2" x 79 1/2"	139 3/8" x 81"	105 5/8" x 81" (OXO)	140 1/2" x 79 1/2"
			94 1/2" x 81"		105 13/16" x 81" (XOO or OOX)	138 7/16" x 81"
			95 1/2" x 95 1/2"		141 5/8" x 81" (OXO)	
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Hardware

Key lock and keyed alike options available
Zinc or stainless steel double-point mortise option available. (550, Element)



9600 Handle
540 Door
(Standard)
 White (Blue tint)
 White (Cream)
 Black (Option)

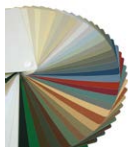


Look Handle
550 & Element Doors
(Standard)
 White



View Handle
550 & Element Doors
(Option)
 White
 Oil Rubbed Bronze (Paint)
 Satin Nickel

Colors



More than 100 colours available.
Custom colours on demand. (550, Element)

Decorative Options

(Only available with 550 and Element doors.)



Dividers
Rectangular 2", 1 x 3 or 1 x 4



Grids
Rectangular or georgian
3/8", 3 x 6



Hanging Grids
Rectangular or georgian
5/8" or 1", 3 x 1

Integrated blinds

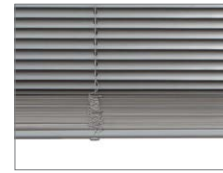
(Only available with 550 and Element doors.)



Integrated blinds are a great way to let light in during the day while ensuring absolute privacy at any moment. Easy to operate with two discreet buttons. Because the blinds are between the glass, they are virtually maintenance free.



White



Satin gray

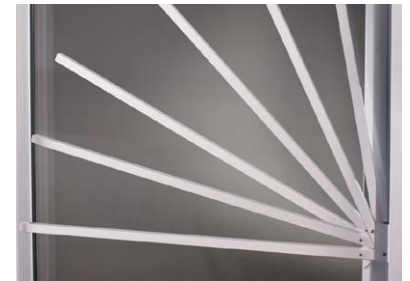
Security Options



Double-point mortise lock
(Shown with Look handle)
(550, Element)



Three-position foot lock
(Only available in white)
(550, Element)



Security bar
(Only available in white)

Other Options

Configuration

- Transoms — (550, Element)
- Sidelites — (550, Element)
- Aluminum sill cover — (540, 550, Standard for Element)
- Inside PVC pocket cover — (540, 550)
- Outside PVC pocket cover — (550)
- Outside Aluminum pocket cover
(Included with the Element door)
- Reinforced screen — (550, Element)



Glass options





- Low E glass
- Triple glass — (550, Element)
- Tinted grey or bronze glass — (550, Element)

Installation options

- Wood extension on 3 or 4 sides with interior PVC cladding
- PVC Brick mould and aluminum sill extension — (550)
- Aluminum brick mould and sill extension — (Element)
- PVC Drywall moulding — (550, Element)
- Nailing fin — (550, Element)

Performance

	540	550	ELEMENT
Air leakage resistance	A3	A3	A3
Water penetration resistance	360 Pa	400 Pa	400 Pa
Uniform load structural test	DP-30	DP-45	DP-50
Global	SD-R30	PG-R45	PG-R50
Tests effectués en laboratoire	Référence porte 95 1/2" × 81" Normes harmonisées AAMA / WDMA / CSA101 / I.S.2 / A440-11	Référence porte 71 1/2" × 81" Normes harmonisées AAMA / WDMA / CSA101 / I.S.2 / A440-08	Référence porte 71 1/2" × 81" Normes harmonisées AAMA / WDMA / CSA101 / I.S.2 / A440-11

	540		550		ELEMENT	
Insulated Glass	ER	U Value	ER	U Value	ER	U Value
Standard Double-pane — Low E on face 3	34	1.70 	34	1.70 	33	1.76
Option Triple-pane — Low E on face 5	—	—	38	1.36 	35	1.48 

Warranty



20-year limited warranty.
See the detailed warranty on our website.

The information in this brochure is current as of the date of publication but is subject to change.

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