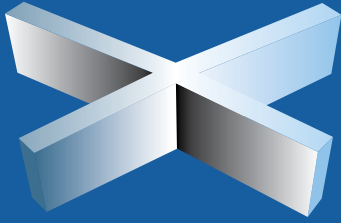


# fusion

A L U - P V C



Hybrid  
patio door



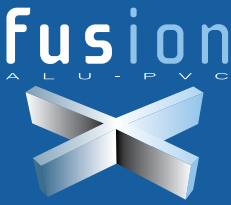
THE FUSION DOOR IS BORN FROM A JUDICIOUS COMBINATION OF ALUMINUM AND PVC. THIS PRODUCT BENEFIT FROM THE WARMTH OF THE PVC INSIDE, THE DURABILITY AND THE FLEXIBILITY OF THE ALUMINUM OUTSIDE.



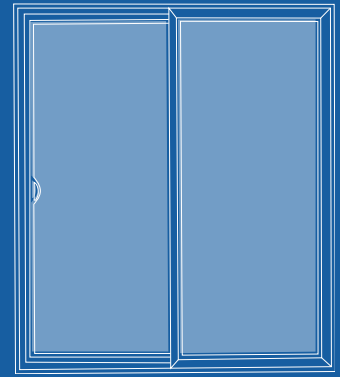
Royal Window and Door Profiles

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The Fusion patio door is the designated product for high-end residential needs or light commercial projects.



### STANDARD FEATURES

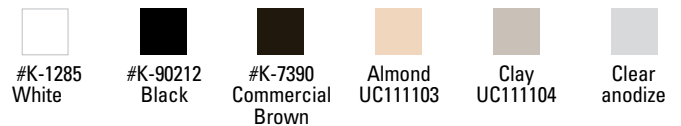
- ▶ 6" Hybrid Frame - PVC interior & Aluminum exterior
- ▶ Welded interior frame
- ▶ Exterior extruded aluminum with mechanically fastened corners
- ▶ Double continuous weather strip system
- ▶ Removable anodized aluminum tracks
- ▶ Screen track integral to the threshold
- ▶ Sturdy anodized aluminum threshold
- ▶ 3/4" interior groove for frame extension
- ▶ Fixed sash integral to the frame for structural integrity
- ▶ Sashes are with steel reinforcements
- ▶ Interior sash is welded PVC
- ▶ Removable glazing beads for easy glass replacement (if required)
- ▶ Sashes are designed for 7/8" i.g. (22.2mm)
- ▶ Double tandem nylon adjustable rollers
- ▶ Exclusive 'D' shaped interior handle
- ▶ Standard multi-point lock
- ▶ Extruded aluminum screen frame with 45° mitred corners
- ▶ 4 adjustable rollers on screen



### OPTIONS

- ▶ Security bar
- ▶ Exterior Key lock
- ▶ Brick mould with extruded aluminum sill extension
- ▶ Glass options: Clear, Grilles and Low-E  
Other glass types available upon request
- ▶ Nailing fin

### COLOR OPTIONS



- ▶ **Interior PVC:** White #12.  
Other colors available upon request.
- ▶ **Various painted colors available using the Spectracoat™ Royal Bond™ technology.**

### PERFORMANCE

The Fusion Patio Door meets the following energy efficiency standards :

- ▶ CAN/CSA A440
- ▶ AAMA/WDMA/CSA 101./1.S.2/A440

	Air Tightness	Water Resistance	Wind-load Resistance	Forced Entry	Ease of Operation	Energy Star
Canada	A3	B3 (B4*)	C3	F2	E3	A & B Zones
USA	R-60					All zones

\*Optional B4 water resistance

### STANDARD SIZES

	O X	O X	O X	X O X	X O X	X O X	HEIGHT
Exterior-frame Dimensions	58 3/4"	70 3/4"	94 3/4"	85 3/4"	103 3/4"	139 3/4"	81 1/8"
Minimum Rough Opening	59 1/2"	71 1/2"	95 1/2"	86 3/4"	104 1/2"	140 1/2"	82"
	WIDTH						HEIGHT

\* Non-standard sizes available upon request X = Operating Sash O = Fixed Sash

**WARRANTY** RoyalPlast patio doors are delivered with a limited warranty: 20 years on PVC / 20 years on seal failure of glass / 1 year on operation.

**Royal Window and Door Profiles**  
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