

HIGH PERFORMANCE uPVC · THE VIS SLIDING DOOR

It glides.

Slides like on ice & keeps you warm
in the winter.

Up to 10' wide in two panels.

CW-PG50

Structural class

Brochure · October 2026

U 0.19

Best certified U-factor

STC 37

OITC 32 · acoustic glass



THREE THINGS WE LOVE ABOUT IT

Why we make it this way.

5 lbf

to keep the
panel moving

1 · HOW IT
FEELS

Slides like on ice.

It rolls open so smoothly it feels like it is floating on air. Nothing is lifted, so nothing is heavy: 5 pounds of push keeps the panel moving, and 15 gets it started, where the standard allows 35.

Operating force: 15 lbf to start · 5 lbf to keep moving · ASTM E2068



The two-panel door in white, one panel slid part of the way open.

0.07

cfm/ft² of air,
shut

2 · HOW
STRONG

Steel inside. Commercial class.

Every sash and frame carries a steel core, shown red in the cutaway. It is what lets a uPVC door earn CW-PG50, the class written for commercial buildings. Shut, the panel is pulled into the frame onto a gasket all the way round, which is why the air figure is 0.07 cfm/ft² and the water test passed at 7.52 psf.

Structural class: CW-PG50 · design pressure ±50.13 psf



The door cut open at the sill: the steel core in every member, and the sliding panel's bottom rail on its roller.

10'

wide in two
panels

3 · HOW BIG

A wall of glass.

Two panels, OX or XO, or four panels across a whole wall. In February 2026 a two-panel door 10 ft wide by 7-1/2 ft high — 3040 × 2280 mm (119-11/16" × 89-3/4"), far bigger than the size the standard tests — was built and tested at the factory. The doors on the right are white inside and black outside.

Built and tested at the factory · February 2026



Two four-panel doors meeting at the corner of a Brooklyn penthouse.

TESTED UP TO

The numbers.

The highest each rating has reached in the lab, with the report behind it. Your sizes and your glass set the numbers for your building, and we give you those exactly.

7.52psf water
Test pressure**0.07**cfm/ft² air
Shut, onto the gasket**0.19**U-factor, best
Triple, warm-edge**5 lbf**to keep moving
15 lbf to start

Structural class	CW-PG50	Design pressure ±50.13 psf
Water	7.52 psf	Test pressure
Air	0.07 cfm/ft²	
Operating force	15 lbf to start · 5 lbf to keep moving · 17.5 lbf at the latches	Standard allows 35 / 35 / 22.5 · ASTM E2068
Locking	Four points round the panel	Forced entry ASTM F842 Type A Grade 10, pass
Best U-factor	0.19	Insulated triple-pane, warm-edge spacer, with grilles between the glass*
Best sound	STC 37 / OITC 32	Insulated double-pane, asymmetric, acoustic

THREE WAYS TO GLAZE IT

Standard

Insulated double-pane

Aluminum spacer

U 0.28
SHGC 0.34
VT 0.53
STC 30 / OITC 24

CPD VST-K-12-00001-00001

Best energy

Insulated triple-pane

Warm-edge spacer

U 0.19
SHGC 0.21
VT 0.32
STC / OITC not tested

CPD VST-K-12-00076-00002

Best sound

Insulated double-pane,
asymmetric

Warm-edge spacer

U 0.26
SHGC 0.33
VT 0.51
STC 37 / OITC 32

CPD VST-K-12-00070-00001

Two-panel door. Structural, water, air and operating force: Intertek report R8672.01-525-44. Energy: NFRC CPD numbers as shown. Sound: Intertek report S5790. Energy and sound values belong to different glass. * Certified with grilles between the glass; the same glass without grilles is not certified yet, so we do not print it. The factory test on the 3040 × 2280 mm (119-11/16" × 89-3/4") door is the plant's own in-house test, not a rating; the ratings above are from the certified two-panel door.

THE HANDLE

Half a turn.

One lever on the inside, silver or white to match the room. Up, the panel is free to slide. Down, half a turn, and four locking points draw it shut. Outside there is a recessed pull, flush with the frame. The door locks from the inside; there is no key.

Inside	Lever, half a turn · silver or white
Outside	Recessed pull, flush with the frame
Locking	Four points round the panel, from one handle
Key	None — it locks from inside
Hardware	Concealed in the frame; only the lever and the pull show

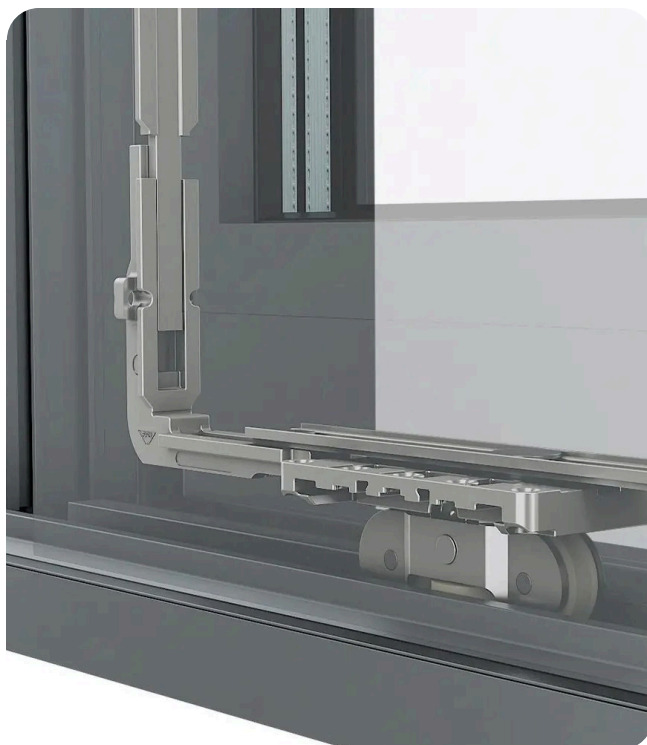


The inside lever, straight on. Down is locked.

STEP BY STEP

Rolls free. Then pulls in.

1 · Handle up



The panel rolls on its rollers in the bottom rail. Nothing is lifted.

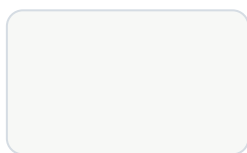
2 · Handle down



Half a turn. The gear round the panel draws it into the frame, onto the gasket all the way round, and locks at four points.

COLORS

15 colors. Inside and outside can differ.


White

Solid


Black

Solid


Charcoal Gray

Sand structure


Moon Gray

Metallic


Quartz Gray

Sand structure


Basalt Gray

Sand structure


Aluminum Silver

Sand structure


Sandstone

Solid


Antique Bronze

Solid


Chocolate Bronze

Solid


Platinum

Brushed metallic


Golden

Brushed metallic


Brushed Aluminum

Brushed metallic


Brushed Anthracite

Brushed metallic

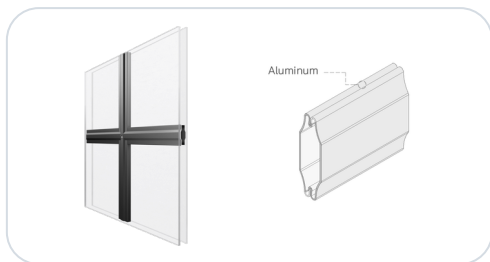

Cream

Solid

Printed colors are indicative. Confirm against a physical sample. White is the base; every other color is a laminate, on one face or both.

GRILLES

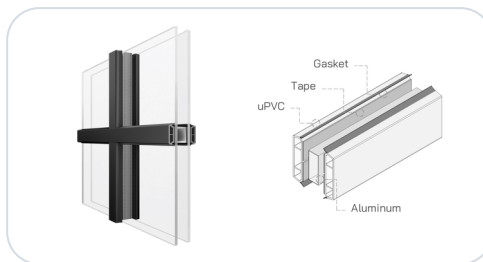
Two ways to divide the glass.



Between the glass • GBG

An aluminum bar sealed inside the insulated unit, between the panes. Both faces of the glass stay flat, so it cleans like a plain pane.

The best certified U-factor on page 3 — 0.19 — is the triple glass with grilles between the glass; the same glass without grilles is not certified yet, so we do not print it. Bar layout is set on the shop drawings.



On the glass • SDL

Simulated divided lites: bars taped to both faces of the glass, with a bar between the panes lining them up, so it reads as true divided glass.

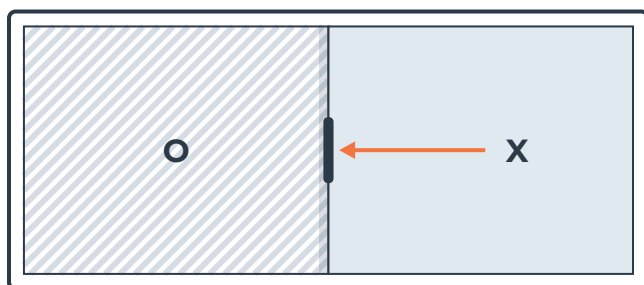


Linden, Brooklyn: bars on the glass.

CONFIGURATIONS

Two panels, or four across the wall.

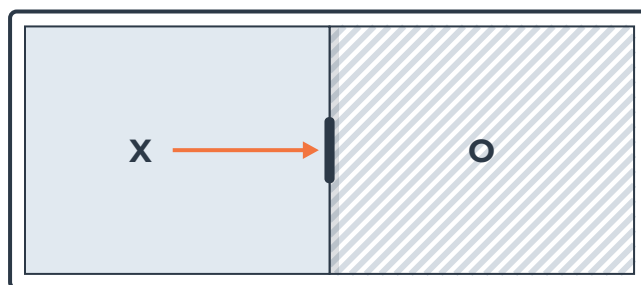
Seen from inside. O is a fixed panel, X is the panel that slides, and the arrow is the way it travels. The lever sits on the stile the sliding panel closes against.



PLAN

OX

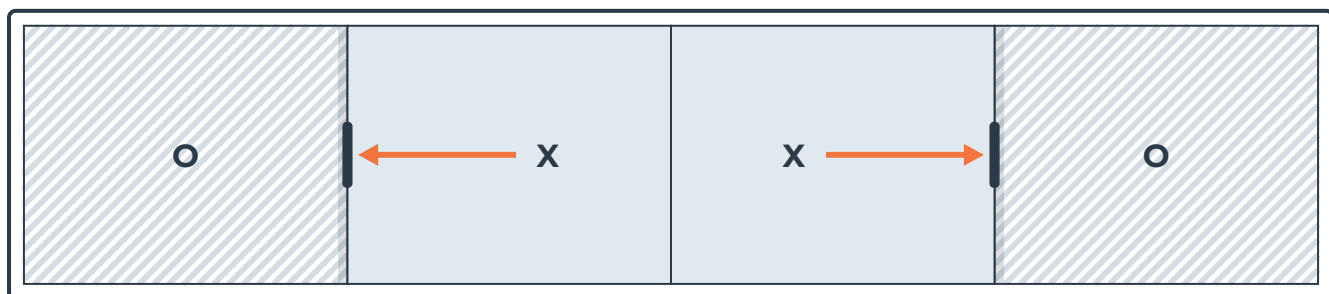
Two-panel · the right panel slides left



PLAN

XO

Two-panel · the left panel slides right



PLAN

OXXO

Four-panel · both middle panels slide out to the jambs

In plan, the outer track carries the fixed panels and the inner track the sliding panels, so they pass each other.

Shuts by

Pulling into the frame, onto a gasket all round

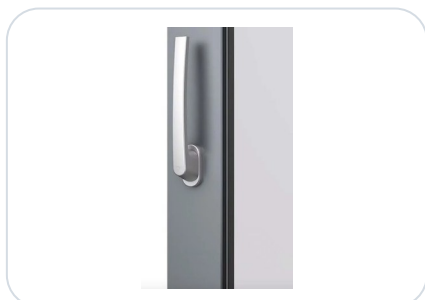
Locking

Four points round the panel

Glass

Double, triple or acoustic, see page 3

THE HANDLE, INSIDE AND OUT



Lever in silver, on the inside stile.



Lever in white, to match a white room.



The recessed pull outside, flush with the frame.



The sliding doors seen from the terrace, black frames against a pale wall.

LEAD TIMES

1-2 wks

Shop drawings

1-3 days

Revisions

8-10 wks

Delivery

DOWNLOADS

Cross-sections and components (PDF)

vistaza.com/downloads/vistaza-sliding-door-cross-sections.pdf

Guide specification CSI 08 53 13 (PDF, DOCX)

vistaza.com/downloads/vistaza-085313-guide-specification.pdf

WHAT WE NEED FROM YOU

Window schedule

Sizes, configurations and colors, inside and outside.

Plans and elevations

So we can check openings against the panel sizes.

Performance targets

U-factor, sound or pressure, and we set the glass to match.

Bidding a job with sliders?

Send the window schedule, plans and elevations.

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The four-panel door is built from the same frame, sash and steel core as the two-panel door. The ratings in this brochure were tested on the two-panel door. Photographs on pages 2 and 7: listing photography of a finished building.

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The doors from the room, four panels across the wall.