

Vi5.

Slimmer sightlines. Nailing fin ready.
Fixed, casement, hopper and terrace door.

AW-PG70

Structural class · fixed

Brochure · October 2026

U 0.18*

Best certified U-factor · fixed

STC 39

OITC 33 · acoustic glass



THREE THINGS WE LOVE ABOUT IT

Why we make it this way.

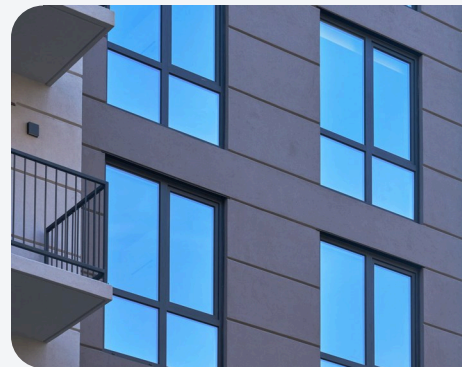
70 mm

(2-3/4") deep,
five chambers
1 · HOW IT
LOOKS

Slimmer sightlines.

A 70 mm (2-3/4") frame gives the glass more of the opening. Slim is not light-duty: every sash and frame carries a steel core, and the fixed window earns AW-PG70, with the water test passed at 12.11 psf.

Fixed: AW-PG70 · design pressure ± 70.18 psf · air < 0.01 cfm/ft²



East 18th, Brooklyn: slim dark Vi5 frames in a gray panel wall.

Fin

optional,
applied
2 · HOW IT
GOES IN

Ready for framed walls.

The Vi5 takes an optional nailing fin, so it fixes to a framed and sheathed wall the way your installer expects. Ours is applied, not molded in. We like it better: a damaged fin is replaced without touching the frame, and it works on windows shipped in sections and assembled on site.

Nailing fin: Vi5 only · without a fin the frames are fixed with clips



The corner of a Vi5 fixed window with the nailing fin round its outer edge.

3 ways

to adjust each
hinge
3 · HOW IT
LASTS

A hinge you can see, and reach.

The Vi5 hangs on standard hinges, on the face of the frame under a cover in the hardware color. They carry the sash, and because they are in plain view they are quick to adjust: up and down, side to side, and tighter or looser against the seal.

Hinges: standard, visible, under a cover · two gaskets, outer and inner



The bottom corner of a closed black Vi5 sash, the silver hinge on the frame beside it.

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.

12.11psf water
Fixed · test pressure**<0.01**cfm/ft² air
Fixed, shut**0.18***U-factor, best
Fixed · triple glass**39**STC, best
OITC 33 · casement

TYPE	CLASS	WATER	AIR	BEST U	BEST STC / OITC
Fixed	AW-PG70 DP ±70.18 psf	12.11 psf	<0.01 cfm/ft²	0.18* triple	38 / 30 Asymmetric double-pane
Casement	CW-PG50 DP ±50.13 psf	7.52 psf	<0.01 cfm/ft²	0.20 triple	39 / 33 Asymmetric double-pane
Hopper	CW-PG50 DP ±50.13 psf · casement test	7.52 psf	<0.01 cfm/ft²	0.21 triple	39 / 33 Asymmetric double-pane · casement test
Terrace door In-swing	CW-PG45 DP ±45.11 psf	9.82 psf	0.03 cfm/ft²	0.19 triple	36 / 31 Asymmetric double-pane

THREE WAYS TO GLAZE IT · CASEMENT

Standard

Insulated double-pane

Aluminum spacer

U 0.30**SHGC 0.24****VT 0.36****STC 32****OITC 26**

CPD VST-K-9-00003-00001

Best energy

Insulated triple-pane

Warm-edge spacer

U 0.20**SHGC 0.19****VT 0.29****STC / OITC not tested**

CPD VST-K-9-00032-00001

Best sound

**Insulated double-pane,
asymmetric**

Warm-edge spacer

U 0.28**SHGC 0.25****VT 0.35****STC 39****OITC 33**

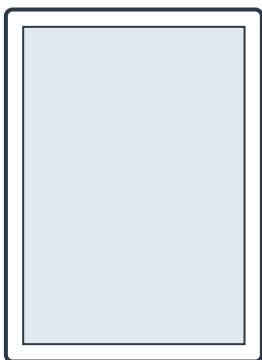
CPD VST-K-9-00031-00001

Structural, water and air: Intertek reports fixed L4554.02-250-44; casement L4554.01-250-44; terrace door, in-swing P0197.01-109-44; the hopper carries the casement's test. Energy: NFRC CPD numbers as shown. Sound: Intertek reports fixed P7088; casement P7089; terrace door, in-swing P7090; the hopper carries the casement's sound test. Energy and sound values belong to different glass. * Certified with grilles between the glass. Vistaza is an ENERGY STAR partner; selected glass options of the Vi5 fixed and casement windows are certified. The Vi5 sliding door's ratings are in its own brochure.

FOUR TYPES

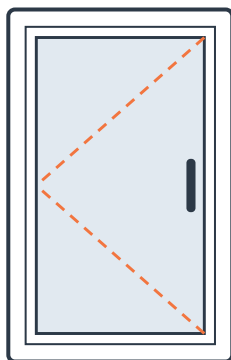
One frame, four ways to use it.

Seen from inside. The dashed lines meet at the hinge side. Each type carries its own tested numbers; the best of each is shown under its drawing.



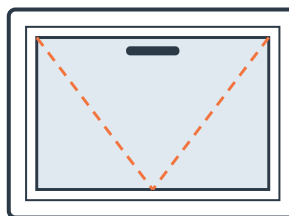
Fixed

AW-PG70
U 0.18*
STC 38 / OITC 30



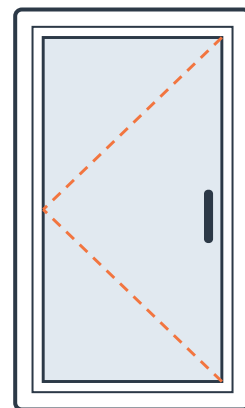
Casement

CW-PG50
U 0.20
STC 39 / OITC 33



Hopper

CW-PG50
U 0.21
STC 39 / OITC 33



Terrace door

In-swing
CW-PG45
U 0.19
STC 36 / OITC 31

Profile

70 mm (2-3/4"), five chambers, steel core in frame and sash

Operable sashes

A vent limiter comes standard; it is released only with a special tool

Colors

15, and inside and outside can differ

ON REAL BUILDINGS



Villa, Bronx: black Vi5 frames between dark ribbed panels.



Cedar, Brooklyn: a pair of terrace doors onto the terrace.



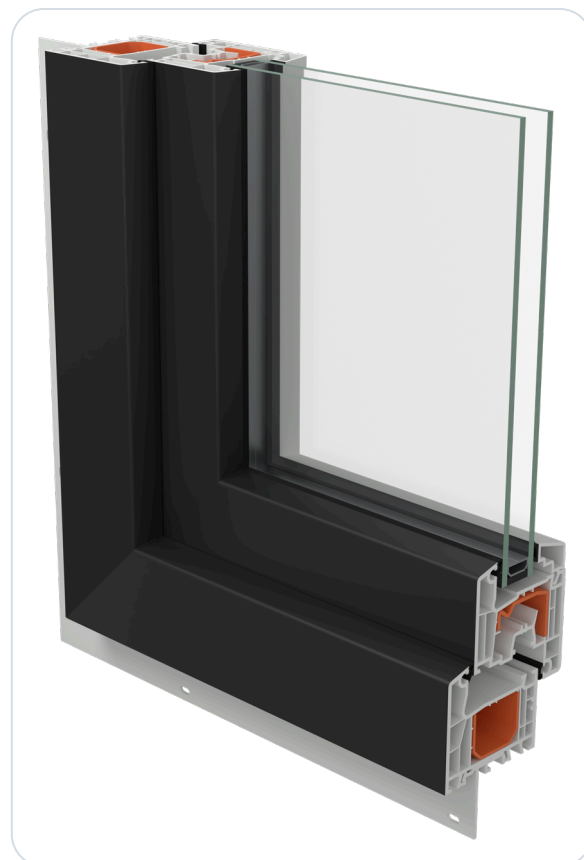
The terrace door's standard sill: a raised step with a drip edge.

THE NAILING FIN · VI5 ONLY

Ready for framed walls.

A nailing fin is a flange round the outside edge of the frame. It lies on the wall sheathing, the installer fastens through it, and the flashing laps over it. The window goes in before the cladding.

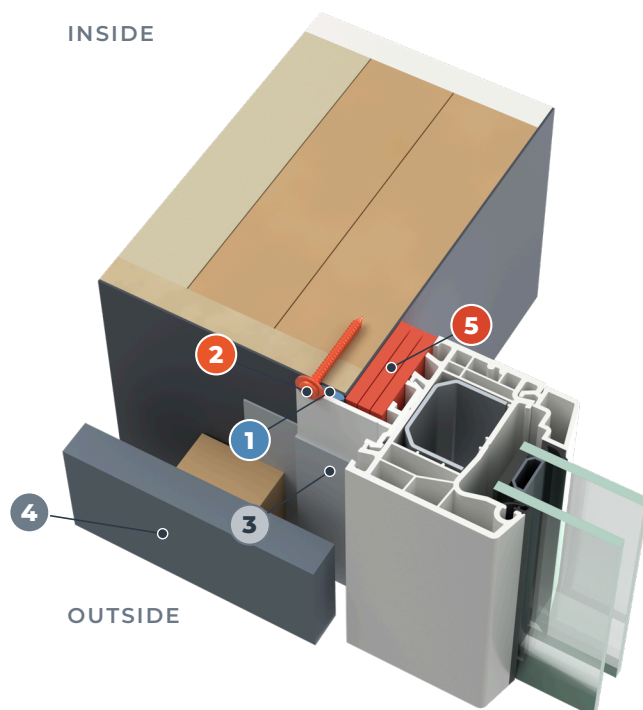
Type	Applied, offset: the frame stands a little proud of the fin
Why applied	A damaged fin is replaced without touching the frame
Site-assembled	Works on windows shipped in sections and put together on site
Without a fin	The frames are fixed with clips



A Vi5 casement corner with the fin, cut open: the orange is the steel core.

STEP BY STEP

How it meets the wall.



- 1 The fin lies on the sheathing, bedded in sealant.
- 2 The installer fastens through the fin.
- 3 Flashing and the water barrier lap over the fin.
- 4 The cladding goes on afterwards.
- 5 Shims hold the frame square and plumb in the opening.

A Vi5 jamb cut across, seen from outside and above. We supply the windows and the instructions; your installer installs them.

TWO SERIES

Vi5 next to Vi6.

Two series, one idea: uPVC outside, a steel core inside. Pick by wall type, sightline and how much performance the project asks for.

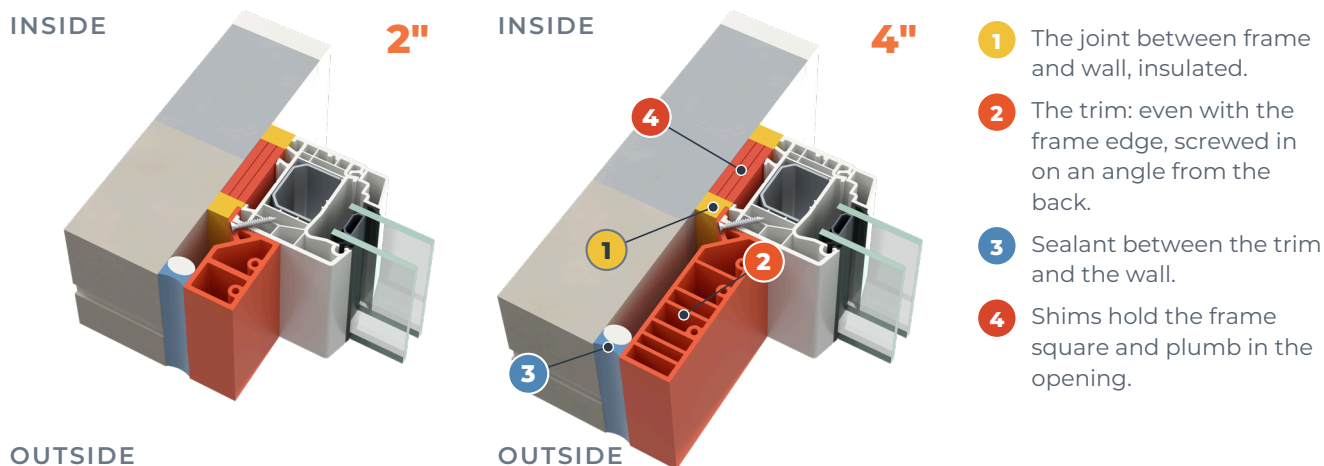
	Vi5	Vi6
Profile	70 mm (2-3/4") · five chambers	82 mm (3-1/4") · six chambers
Corner weld	Grooved	Seamless
Hinges	Standard, visible, under a cover	Concealed
Gaskets	Two · outer and inner	Three · outer, center and inner
Nailing fin	Optional, applied	None · fixed with clips
Types	Fixed · in-swing casement · hopper · terrace door · Vi5 sliding door	Fixed · in-swing casement · hopper · terrace doors
Best class	AW-PG70 · fixed	AW-PG100 · casement
Best certified U	U 0.18* · fixed	U 0.16 · terrace door, in-swing
Best sound	STC 39 / OITC 33 · casement	STC 47 / OITC 40 · casement

Both series: a steel core in every frame and sash · 15 colors, inside and outside can differ · the same exterior trims · a vent limiter on every operable window · the same lead times.

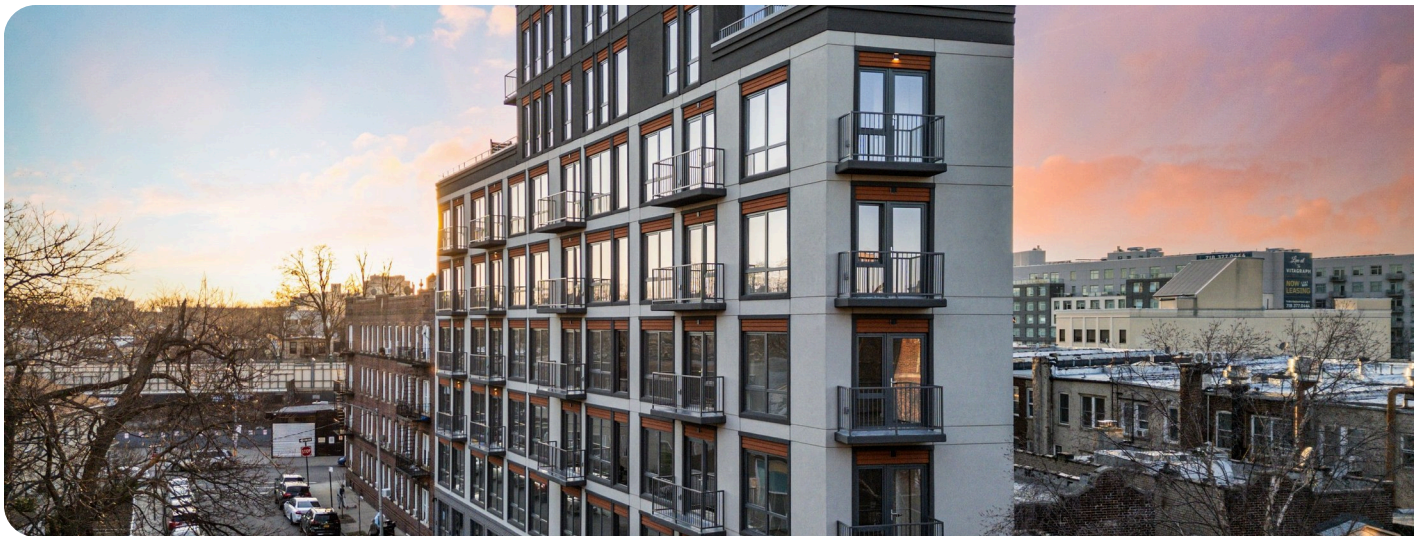
Choose Vi5 for framed walls with a fin, slimmer frames, and windows shipped in sections. Choose Vi6 when the project asks for the most: the highest pressures, a third gasket, hinges out of sight.

EXTERIOR TRIMS · VI5 AND VI6

One profile, two depths.



The trim stands out from the outer edge of the frame, along the reveal, to the face of the wall: 50 mm (2") or 100 mm (4"). Multi-chamber uPVC, cut and mitered at 45° at our plant, packed four pieces to an opening and labeled with it. On the Vi5 it can be combined with the nailing fin.



Cedar, Brooklyn: Vi5 windows with the nailing fin, at dusk.

LEAD TIMES

1-2 wks

Shop drawings

1-3 days

Revisions

8-10 wks

Delivery

DOWNLOADS

Vi5 cross-sections and components (PDF)

vistaza.com/downloads/vistaza-vi5-cross-sections.pdf

Terrace door cross-sections (PDF)

vistaza.com/downloads/vistaza-terrace-doors-cross-sections.pdf

Guide specification CSI 08 53 13 (PDF, DOCX)

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

Vi5 sliding door: it has its own brochure

vistaza.com/doors/sliding/

WHAT WE NEED FROM YOU

Window schedule

Sizes, types and colors, inside and outside.

Plans and elevations

And the wall type, so we know fin or clips.

Performance targets

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

Specifying Vi5?

Send the window schedule, plans and elevations.

plans@vistaza.com · 929-668-2340

6007 16th Ave, Suite 201 · Brooklyn, NY 11204

Vistaza supplies the windows and doors; installation is by others. Ask us for the largest size of each type.



High performance windows and doors.

plans@vistaza.com
929-668-2340

6007 16th Ave, Suite 201
Brooklyn, NY 11204

vistaza.com/windows/vi5/

Windows · Doors · Storefront · Glass · Projects ·
Knowledge · Professionals

East 18th, Brooklyn: Vi5 windows and terrace doors, dark frames in a gray wall.