

THERMALLY INSULATED LIFT & SLIDE

S50 / S50H

Aluminum sliding system

A new-generation lift-and-slide solution designed for thermal performance, large openings, and efficient use of aluminum. S50 combines generous sash dimensions with a refined, contemporary appearance.



ENGINEERED FOR LARGE OPENINGS

4.72 in

SYSTEM / FRAME DEPTH

UP TO 800 LBS

SASH LOAD CAPACITY

0.79-1.34 in

SUPPORTED GLASS THICKNESS

9 ft 10 in

MAXIMUM SASH WIDTH

10 ft 10 in

MAXIMUM SASH HEIGHT

0.58 in

THERMAL BREAK

VERSATILE BY DESIGN

Compatible with conventional lift-and-slide mechanisms and contemporary handle solutions. The S50 H variant offers an alternate sliding configuration suited to residential and villa applications.

PERFORMANCE & TECHNICAL DATA



S50 PERFORMANCE CLASSIFICATION

THERMAL TRANSMISSION

U

$U_w \leq 2.58 \text{ W/m}^2\text{K}$ • $U_g \leq 1.4 \text{ W/m}^2\text{K}$

EN 10077-2

AIR PERMEABILITY

A

Class 4 (600 Pa)

EN 1026 / 12207

WATER TIGHTNESS

W

E 1200 (1200 Pa)

EN 1027 / 12208

RESISTANCE TO WIND

R

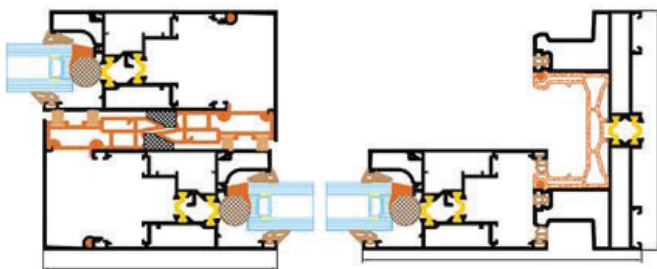
B2 - 1200 Pa

EN 12210 / 12211

SYSTEM DIMENSIONS

TECHNICAL SPECIFICATIONS

System depth	Frame	4.72 in
	Sash	1.97 in
Glass thickness	Frame	$0.79 \leq X \leq 1.34 \text{ in}$
	Opening sash	$0.79 \leq X \leq 1.34 \text{ in}$



Performance values may vary by fenestration type. Contact Vision Art Aluminum for project-specific values.
Performance classification and technical dimensions shown on this page refer to the S50 system.