



LIFT-SLIDE DOOR DESIGN

REHAU SYSTEM 2500

LIFT-SLIDE DOOR 2500

FOUR-CHAMBER DESIGN ACHIEVES EXCELLENT THERMAL
AND SOUND INSULATION





The REHAU System 2500 lift-slide door design is an impressive option for creating unique and inspiring living spaces. In contrast to conventional sliding doors, this specially engineered door system can be built to fill **significantly larger than normal openings** while offering an almost **effortless sash operation** and instant architectural appeal. Superior sealing properties provide **outstanding performance and comfort**.

Stands the Test of Tough Weather While Lowering Energy Cost

A door like the System 2500 lift-slide should not only look great, but also perform great. Design details like **four-chamber profiles**, a **thermally broken threshold design** and **compression-seal technology** protect from air, dust and water infiltration. Added benefits include **outstanding energy efficiency and sound abatement**. The unique hardware operation allows the door, when lowered, to seat securely within the gasketing system. Combined with **multipoint locking**, the System 2500 is ready for the harshest of environments.

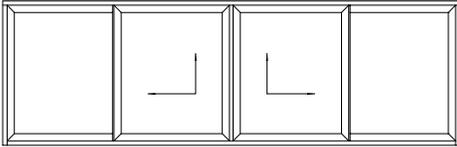
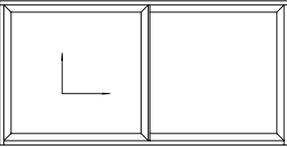
A Lifetime of Low Maintenance

Lift-slide door profiles are made using **REHAU's proprietary uPVC formula** for many years of enjoyment without the headache of regular maintenance. REHAU uPVC is extremely resistant to weathering, and its **smooth surface** quality makes our profiles less susceptible to dirt.

LIFT-SLIDE DOOR 2500

DECEPTIVELY EASY TO OPERATE YET INCREDIBLY SECURE:
KEY FEATURES AND BENEFITS

This steel-reinforced uPVC door is designed to maximize your glass-to-frame ratio while offering superior durability, sound abatement and energy efficiency.



-
- 1 Superior quality hardware and precision rollers ensure smooth operation of up to 550 lbs (250 kg) of sash weight over the lifetime of the door
 - 2 Compression seals all around the sash perimeter assure high water performance, less air infiltration and good sound insulation
 - 3 Robust, thermally broken frame allows four-panel configurations up to a size of 32 ft (10 m)
 - 4 Large reinforcement chambers in the sash allow for wide openings and heavy glass weights
 - 5 Four-chambered sash and thermally broken frame provide high energy efficiency
 - 6 Sash has large glazing capacity, accommodating special high-performance glass up to 1 3/4 in (44 mm) in thickness



Seals on the bottom of the sash compress once the sash is lowered in the closed position.



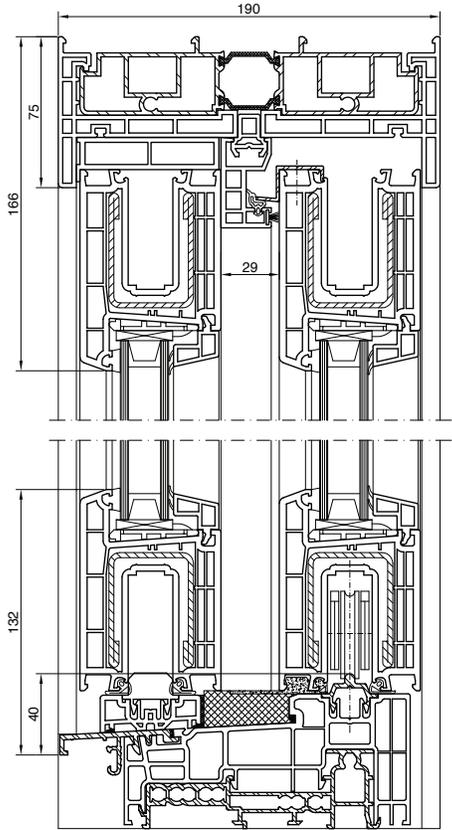
Thermally broken frame and threshold reduce heat loss and the risk of condensation.

Available Colors:

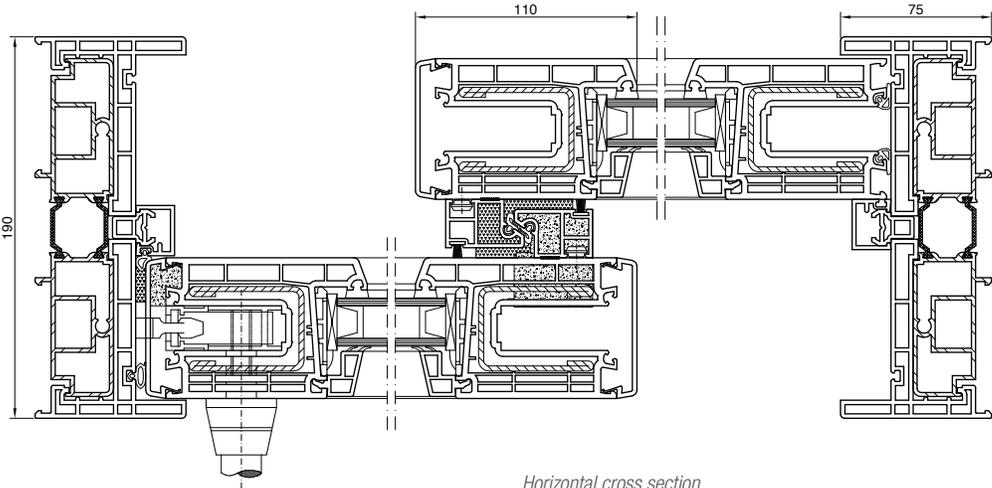
 White

LIFT-SLIDE DOOR 2500

PROVIDING MAXIMUM DAYLIGHT WITHOUT SACRIFICING SECURITY AND ENERGY PERFORMANCE

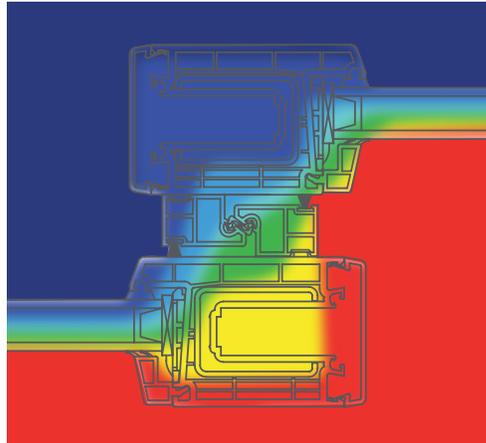


Vertical cross section



Horizontal cross section

This lift-slide door design resists intrusion attempts with a feature requiring it to open with a lifting action that can only be performed from the inside. Interlocks at the meeting rail provide further security. With insulated glass unit (IGU) thickness of 1 in (25 mm) to 1 3/4 in (44 mm), the System 2500 is suitable for all Energy Star zones in the United States and Canada.



Thermal image of REHAU System 2500 demonstrates how effectively this design separates warmer air and cooler air to achieve high energy efficiency

Types	OX, XO, OXXO
Material	Cadmium- and lead-free RAU-PVC
Sealing System	Compression seals and weather pile
System Depth	7 1/2 in (190 mm)
Max. Glass Thickness	1 3/4 in (44 mm)
Sightlines Frame / Sash	6 1/2 in (166 mm)
Colors	White
U-values	Down to 0.20*
STC	Up to 40 dB
Structural Test	XO: 2997 x 2108 in (118 x 83 mm): CW-PG50

* based on simulation

For updates to this publication, visit na.rehau.com/resourcecenter

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained therefrom. Before using, the user will determine suitability of the information for user's intended use and shall assume all risk and liability in connection therewith.

© 2014 REHAU Printed in USA