



GRABEX

windows

MANUFACTURER & INSTALLER ■ LONDON & SURROUNDING COUNTIES



LS4600 - LIFT & SLIDE DOORS

Effortless sliding & floor-to-ceiling glass walls



Open your home up to beautiful views, plenty more daylight and allow the nice weather indoors. Create an open indoor-outdoor floor plan to instantly enhance the way your home feels.

LS4600 Lift & Slide door system provides superior thermal insulation, and smooth sliding operation. With large maximum dimensions of each panel this system is ideal for enclosing large areas and letting more natural light indoors. And with the lift and slide opening action you will notice immediately how easy it is to open and close them!

Our doors are a perfect choice for newbuilds, home extensions, as well as remodeling and replacement projects around your home. Great choice for your contemporary floor-to-ceiling sliding glass wall that blurs the lines between interior and outdoors.

Our sliding glass doors not only meet the needs of your design, but also those of the environment, with energy efficiency, optimal airflow performance, and noise reduction. Our aluminum sliding systems are built right here in our factory in Orpington, Kent.

WINDOWS ■ DOORS ■ SLIDING SYSTEMS ■ BI-FOLDS ■ ROOFS

KEY FEATURES OF LS4600

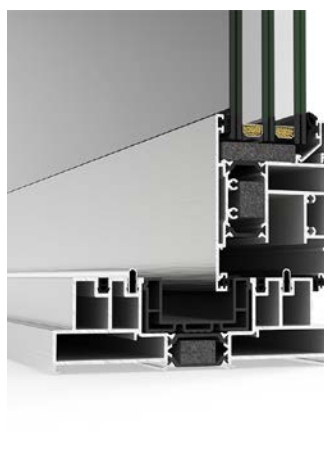
- ✓ Lift & Slide door system with excellent thermal insulation
- ✓ Max. height & width of each panel - 3300 mm
- ✓ Standard 110 mm or minimalistic 50 mm meeting frame
- ✓ U_w from 0.9 (W/m^2K)
- ✓ Open corner configuration available
- ✓ Multipoint locking mechanism
- ✓ Ultra smooth opening action and perfect sash sliding over a stainless steel rail
- ✓ Outstanding thermal and acoustic performance
- ✓ Double- and triple-glazed options
- ✓ 10 year manufacturer's guarantee



Aluminum framing is highly durable and light enough to ensure ultra smooth operation of each large sash on a reinforced stainless steel rail. The advanced door pane design is capable of handling extraordinarily large glass and sash sizes. A special gasket system, and multi-point locking mechanisms provide excellent weather resistance and security.

With standard central sash meeting section of 110mm and the minimalist alternative of only 50mm you have approx 87% of the large glazed surface that lets the natural light in and creates a stunning picture wall with an outdoors view. All customised to fit your project and your budget.





TECHNICAL & PERFORMANCE

Maximum element height & width: 3300 mm

Maximum weight of panel: 400 Kg

Visible sightline: 110 mm as standard or 50mm as minimalistic option

Sliding of 2, 3, 4 & 6 sashes

Option of monorail (1 sash + 1 fixed light)

Option for 3 rails (for spans of up to 20 m)

Finishes:

Powder coating available in variety of RAL colours with textured coatex and metallic options; also wood effect powder coating, anodised and anti-bacterial powder coating;

Transmittance: U_w from 0.9 (W/m²K)

Maximum acoustic insulation: $R_w=43$ dB

Air permeability (EN 12207:2000) CLASS 4

Water tightness (EN 12208:2000) CLASS 9A

Wind resistance ((EN 12210:2000) CLASS C5

Reference test 4,0 x 2,4 m. 2 sashes



Glazing thickness: up to 55mm

Sections: Frame 160.6 mm - 3 rails 251 mm, Sash 70 mm

Profile thickness: Door 2,0 mm

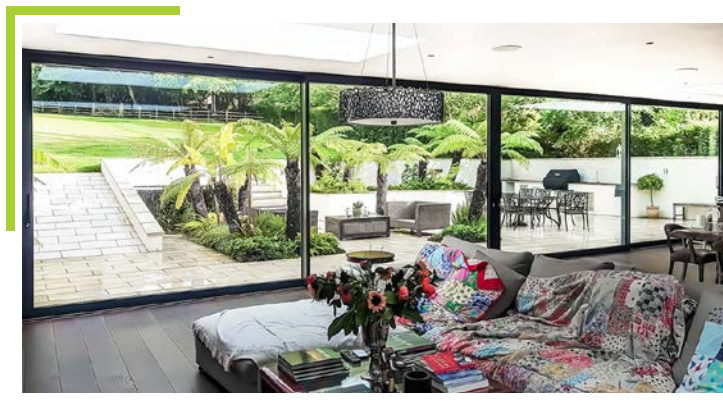
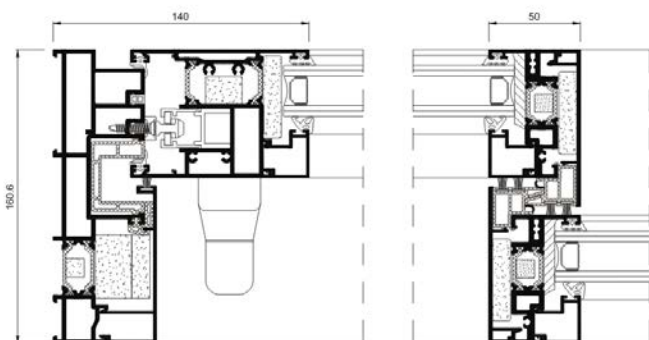
Polyamide strip length: Frame 35 mm / Sash 24 mm

Drainage: Optional drainage system and drainage grid made of stainless steel

Huge unobstructed glass areas and an effortless sliding mechanism make our LS4600 Lift & Slide Doors the perfect solution for any room with a view!

Special roller system allows door panels to be lifted above a track to roll easily when operating the door.

You will immediately notice how easy it is to open and close them! It's a great choice for your contemporary floor-to-ceiling sliding glass wall that blurs the lines between indoor and outdoors.





GET INSPIRED!



ORPINGTON SHOWROOM
HEAD OFFICE & FACTORY

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9am - 2pm Saturdays