



Innovative bifolding doors by Thermoluxe are designed to offer a smooth integration of the inside and outside of your space and maximize your comfort. This advanced door style offers a conceptual difference for your patio area which was traditionally presented by either sliding or French doors. Revolutionary design, ease and quiet of operation of our folding doors have been attracting more and more customers who want to enjoy sunlight and beautiful unobstructed views.



If your design goal is to visually and physically connect interior and exterior spaces, then Thermoluxe bifold doors are an ideal choice as they are engineered to provide maximum flexibility and function and add some distinct flair to your home architectural style.



To engineer these sophisticated and flexible doors we paired state-of-the-art machinery with quality workmanship and equipped the system with guides and pivots using high grade stainless steel bearings, smart design carriers, polypropylene floor channel lining. Support track, guide channels and sills are made from aluminum extrusions which provide excellent structural strength and stability.

With maximized weight-bearing capacity of our bifold doors, their application is only limited by the designer's or architect's imagination.



Double glaze panels allow to achieve outstanding insulation levels against outside noise and temperature. The doors are built to fit snugly against weather seals and have passed toughest water and air infiltration tests demonstrating a superior resistance to both. For instance, their air infiltration level 50 times exceeds the one of a sliding door.



Insulation



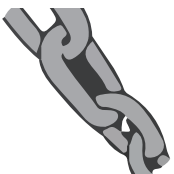


You can use our bifold doors with complete confidence knowing that besides impressive function and performance there is also unparalleled security - we use concealed fixings and hidden fasteners, which means no part of the system can be accessed from the outside to be removed or damaged. For increased security we also equip these doors with GU multi-point locking mechanism.



Security

Thermoluxe bifold doors have demonstrated highest performance ratings and excellent durability. They can be used with complete confidence since all their components were extensively tested to ensure their conformity with the toughest industry standards. This means an uncompromised and trouble-free performance which will allow you to enjoy the product for many years.



Durability





Thermoluxe bifold doors will successfully protect your residence from the harshest weather, create an effective acoustic barrier and allow you to enjoy the sunlight and stunning panoramic views with easily gliding panels which neatly stack aside.

**Versatility**

Thermoluxe bifold doors excel in both function and aesthetics, offering eye-catching design, clean lines, premium quality materials, hidden hardware and a variety of luxury finishes. These doors create a new approach in space management, enrich your home setting and increase your property's appeal and value. Whether you want to create an entertainment area, enjoy a shoreline panorama, or just visually expand the space, Thermoluxe bifold doors will be a perfect solution delivering long-lasting satisfaction and bringing an incredible quality style to your living.

**Style**



Once these doors become open, the owner can fully enjoy all the benefits of the space transformation. We have put every effort to ensure that integration of the inside and outside of your space occurs in the most smooth and flawless way to provide an easy and hassle-free operation and maximize your comfort.



Comfort

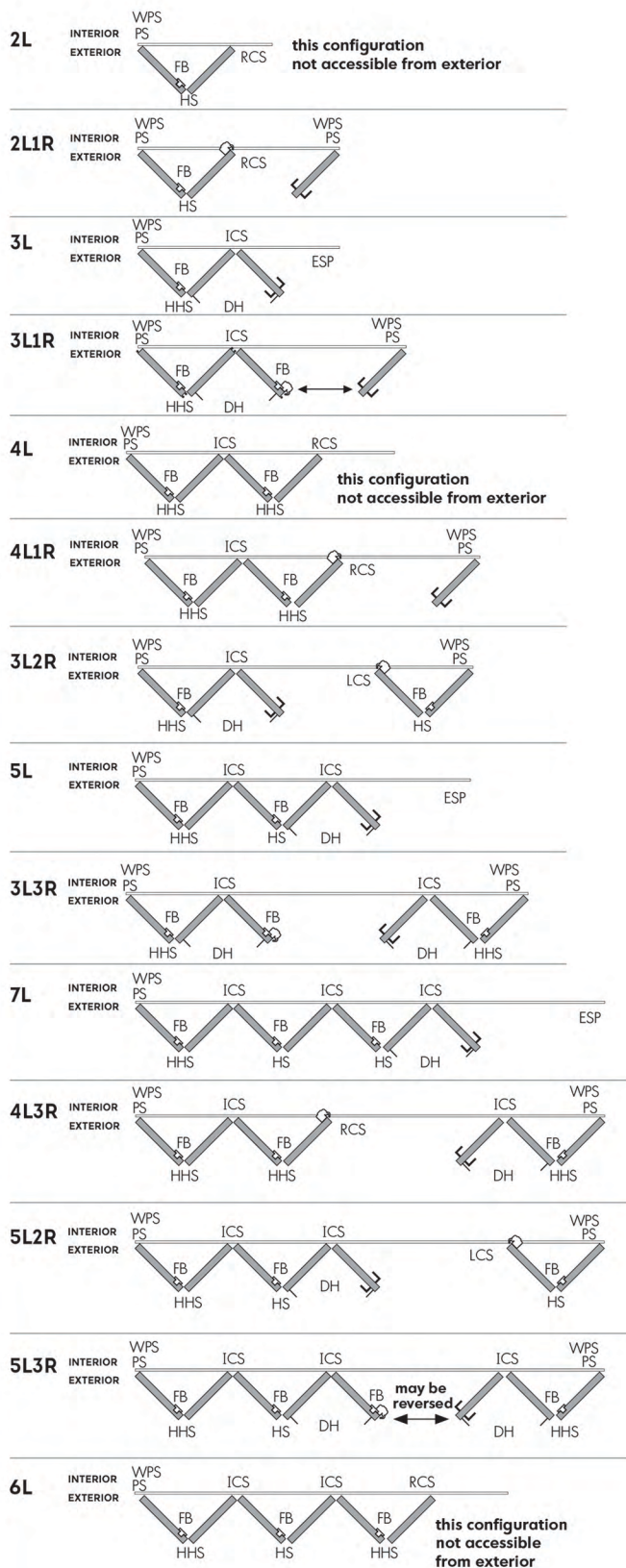
Thermoluxe offers revolutionary bifold door technology and customization which will allow you to create a spectacular and amazing setting in your house and match it beautifully with the rest of your home architecture.



Uniqueness



Bifolding system



Hardware Legend

PS	Pivot set	HS	Hinge set (flat)
WPS	Wall pivot set	FB	Flushbolt
ICS	Intermediate carrier set	ESP	Extended strike plate
LCS	Left carrier set	DH	Door hold
RCS	Right carrier set	MAG	Magnet
HHS	Half offset hinge set	TP	Twinpoint

Bifolding system

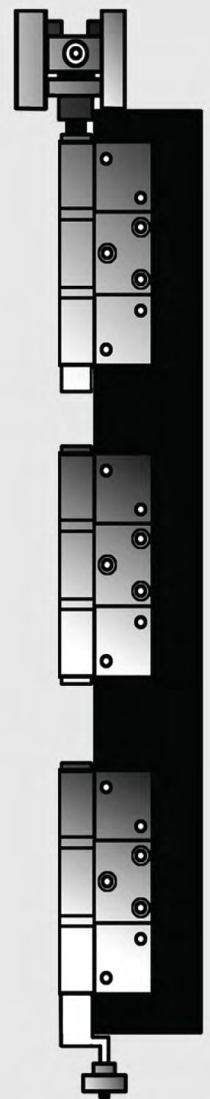
FOLDING PANELS

Thermoluxe bifold door systems can include up to 16 top track mounted panels with up to 8 panels sliding sideways each direction from the centre and arranging into a compact fold. Maximum panel height is 95", maximum panel weight is 100kg.



COMPONENTS AND HARDWARE

Support track, guide channels and sill of our folding doors are made from aluminum extrusions which are structurally very strong. Operating hardware is available in high quality brass or stainless steel materials and when doors are closed such hardware becomes concealed and not accessible from outside.



EASE OF OPERATION

Stainless steel bearings in the pivots and carriers allow even the largest doors to be moved quietly and with fingertip ease between the open and closed positions.