

Opening Frames 50TH & 26TH

Comfort



Building

ALUMINIUM



INSTALLUX

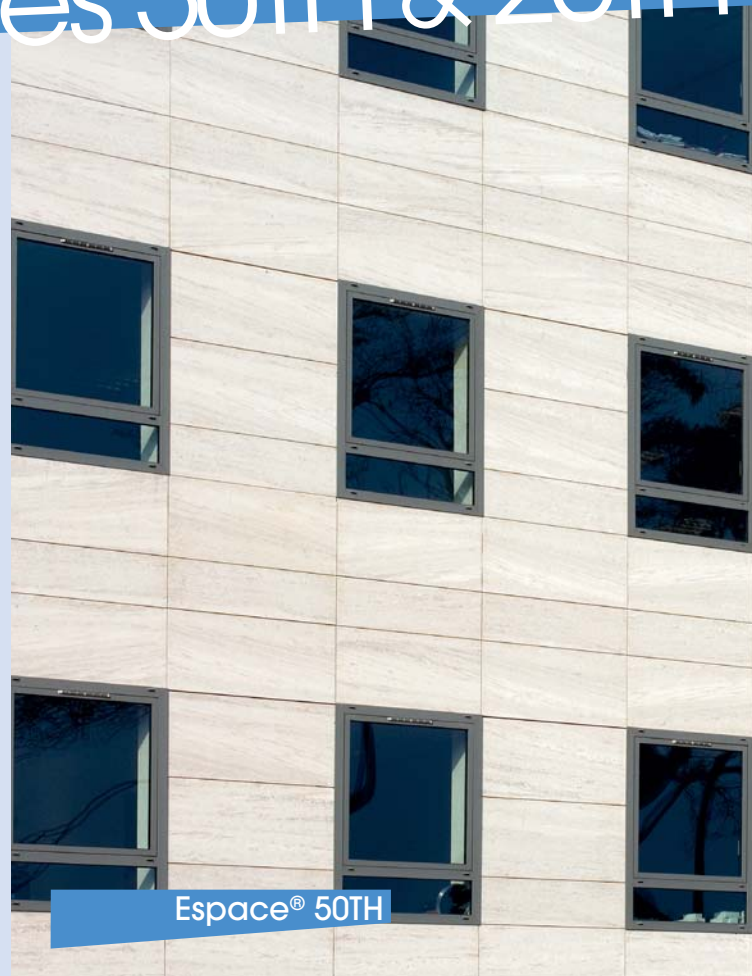
Opening Frames 50TH & 26TH

Thermal-Break Doors and Windows

Installlux Aluminium's 50TH & 26TH series of thermal-comfort opening frames are economical and versatile, and offer high performance. They are homogeneous and easy to assemble. They cover the whole range of standard and specific applications related to the construction of a building, adhere to the present European standards, and are able to fit into any type of façade or mixed construction.

Your Reasons to Choose Installlux Aluminium's 50TH & 26TH Series of Thermal-Comfort Doors and Windows

- Versatile and adaptable to any type of construction.
- Easy installation thanks to a wide choice of technical solutions.
- Thermal-break fixed and opening frames.
- Wide choice of accessories, architraves, and glazing beads.



Espace® 50TH



Comète® 50TH

Espace® 50TH

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Galaxie® 26TH

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Comète® 50TH

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Comète® 50TH

Fast-fitting

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Comfort



Galaxie® 26TH



Comète® 50TH
Fast-fitting

Espace[®] 50TH



— Features —

This range of thermal-break windows for service, industrial, and commercial buildings is composed of 50-mm fixed and opening frames, mitre-joined by means of crimped or screw-fastened corner cleats. Glazing thickness ranges from 5 to 34 mm.

The system allows for the realization of various frame combinations: fixed or opening frames, fixed or bottom hinged transom lights, integration of doors or sliding windows.

Large choice of standard and custom accessories.

Pluses Product

Insulation & Weatherproofing

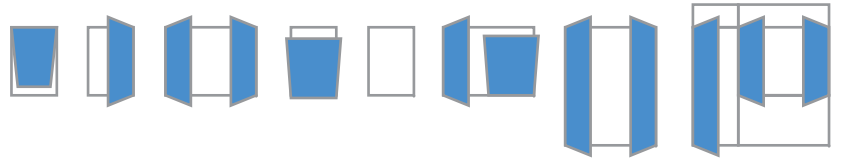
- Glazing from 5 to 34 mm.
- Central tightness gasket.
- Soundproofing gasket.

Large Dimensions

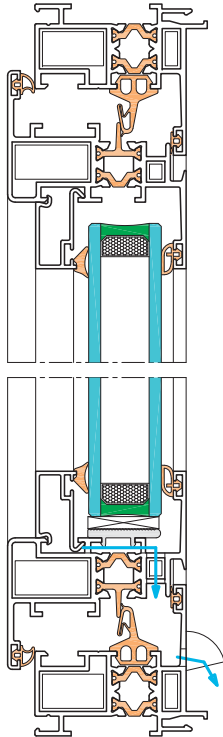
- Reinforced profiles for large-sized frame combinations.

Technical

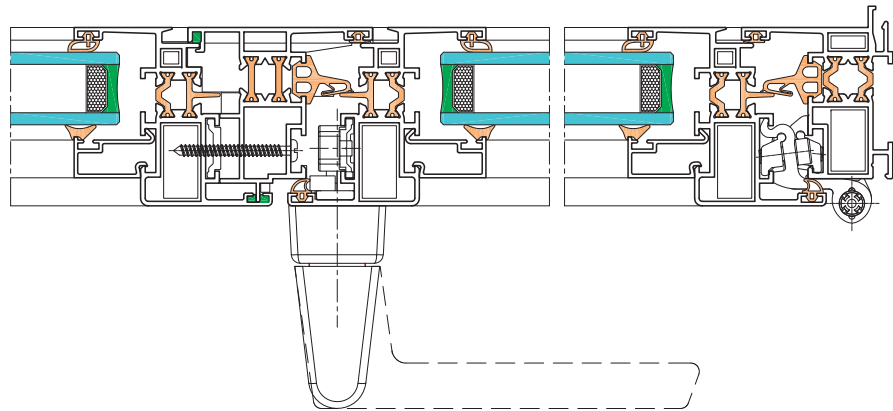
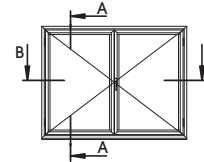
- Frame for integration into the Univers[®] 54 curtain wall range.
- Frames with integrated subframe for 100 and 120-mm insulation.
- Glazing pocket extension accepting infills up to 54 mm.



—Typical Sections



Vertical section A-A



Horizontal section B-B

—Performances

A.E.V. (Air - Water - Wind)				
Tilt & turn 1 leaf		A*4	E*900	V*A5
Side-hung window	1 leaf	A*4	E*750	V*A5
	2 leaves	A*4	E*9A	V*A4
Side-hung window 2 leaves (with sandwich profile)		A*4	E*900	V*C4
French door	2 leaves	A*4	E*9A	V*A3
	2 leaves + sidelight	A*4	E*9A	V*C3

THERMAL				
Insulated glass Spacer: SGG Swisspacer		U _g Value Glazing (W/m ² .K)	U _w Value Naked Window (W/m ² .K)	Class (Acotherm Label)
Double Glazing	Window 1 Leaf (1.48 x 1.25)	1.1	1.8	-
	Window 2 leaves (1.48 x 1.53)	1.1	2.0	Th7
	French door 2 leaves (2.18 x 1.53)	1.1	2.0	Th7
Double Glazing	Window 1 Leaf (1.48 x 1.25)	1.0	1.7	-
	Window 2 leaves (1.48 x 1.53)	1.0	1.9	Th8
	French door 2 leaves (2.18 x 1.53)	1.0	1.8	Th9

ACOUSTIC					
Glazing Type			Thickn. (mm)	R _w Window (dBA)	Class (Acotherm Label)
Double Glazing	Climalift 4-16-4	4-16-4	Window 24	32	AC1
			French door 24	33	AC2
	358 A-AP	8-6-44/2 Silence	Window 23	41	AC4
			French door 23	40	AC4
	370 A-AP	10-6-44/2 Silence	Window 25	43	AC4
			French door 25	40	AC4

DTA no. 6/12-2083 dd. 28 September 2012

Pluses Fabrication & Fitting

Machining

- Punching tools available for all the machining operations.

Assembly

- Crimped or screw-fixed aluminium corner cleats.

Fitting

- Choice of extension plates accepting any insulation thickness.
- Independent flashing for bottom waterproofness.

Galaxie® 26TH



— Features —

This range of elegant thermal-break sliding doors and windows is suitable for any type of architectural project.

It is composed of a 2 or 3-track tubular frame mitre-joined by means of crimped or screw-fastened corner cleats. Composite, aluminium, or stainless steel tracks provide smooth sliding. The pocket-type sash profiles are 90°-joined. Glazing thickness up to 26 mm. The reinforced stiles are fitted out with finishing end caps.

The system allows for the realization of 1-, 2-, 3-, 4-, or 6-sash sliding frames, adaptable to the Espace® 50TH window range.

All our sliding systems have in common a choice of standard and custom accessories.

Pluses Product

Insulation & Weatherproofing

- Glazing up to 26 mm.
- Thermal-break fixed and opening frames.

Large Dimensions

- Reinforced stiles for large-sized frames.
- Sash weight up to 140 kg.

Technical

- Aluminium, composite, or stainless steel rails.

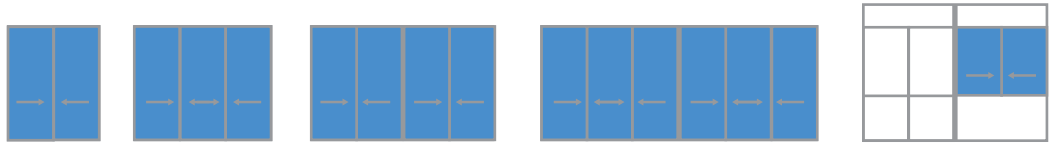
Look

- Stylish round-shaped profiles.
- Top and bottom finishing caps.
- Sliding gaskets.

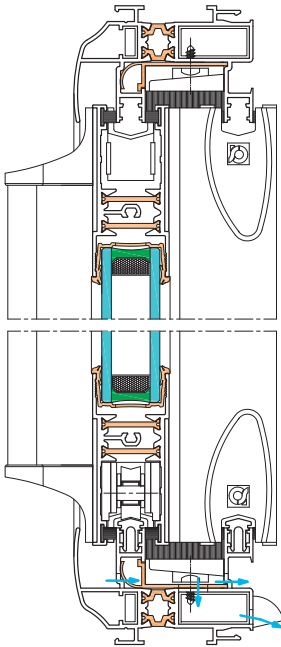
Safety

- 1, 2, and 3-point locks available.

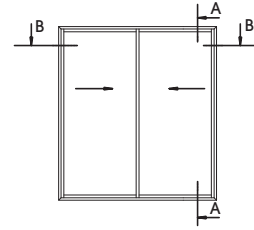
Sliding Frame



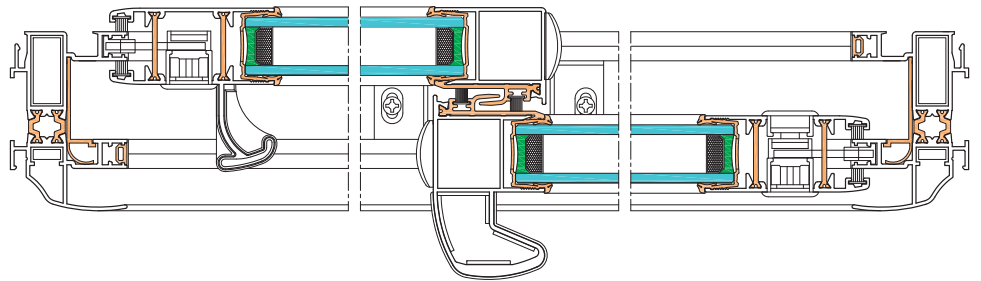
—Typical Sections



Vertical section A-A



Horizontal section B-B



—Performances

A.E.V. (Air - Water - Wind)				
French door	2 sashes	A*3	E*7B	V*A3
French door	3 sashes	A*3	E*7B	V*A2

THERMAL			
With Thermal Shield Ref. 9395 Insulated glass Spacer: SGG Swisspacer			
	Ug. Value Glazing (W/m ² .K)	Uw. Value Naked Window (W/m ² .K)	Class (Aco- therm Label)
Window 2 sashes (1.53 x 1.48)	1.1	2.2	Th7
French door 2 sashes (2.35 x 2.18)	1.1	1.9	Th8
Window 2 sashes (1.53 x 1.48)	1.0	2.1	Th7
French door 2 sashes (2.35 x 2.18)	1.0	1.8	Th9

ACOUSTIC					
Glazing Type		Thickn. (mm)	Rw Window (dBA)	Class (Acotherm Label)	
Double Glazing	Climalift 4-16-4	4-16-4	Window 24	30	AC1
		4-6-10	French door 24	30	AC1
	358 A-AP	8-6-44/2 Silence	French door 20	33	AC2
			Window 23	35	AC2
	French door 23	35	AC2		

Pluses Fabrication & Fitting

Machining

- Punching tools available for all the machining operations.

Assembly

- Crimped or screw-fixed aluminium corner cleats.
- Pre-cut gasket.

Comète® 50TH



— Features —

This range of thermal-break heavy-duty doors for service, industrial, and commercial buildings is composed of 50-mm fixed and opening frames, mitre-joined by means of crimped or screw-fastened corner cleats. Glazing thickness ranges from 5 to 34 mm.

The system allows for the realisation of various frame combinations and opening possibilities such as inside, outside opening, and swing-type doors. This range fully integrates with the Espace® 50TH window range.

Large choice of standard and custom accessories.

Pluses Product

Insulation & Weatherproofing

- Infill from 5 to 34 mm.
- Double rabbit gasket.
- Bottom sealing by double broom gasket.

Large Dimensions

- Reinforced profiles for large-sized frame combinations.

Technical

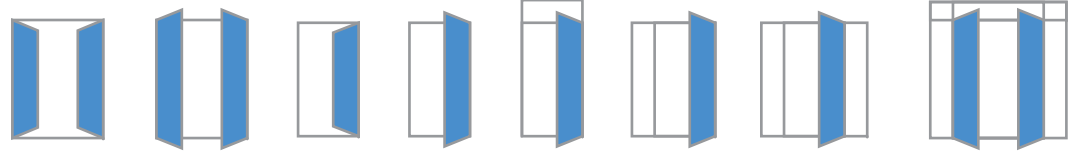
- 2 or 3-leg anchored hinges with various possibilities of adjustment.
- Push bar for integration of electromagnetic lock.
- Round vertical push-pull bar.
- Glazing pocket extension accepting infills up to 54 mm.

Safety

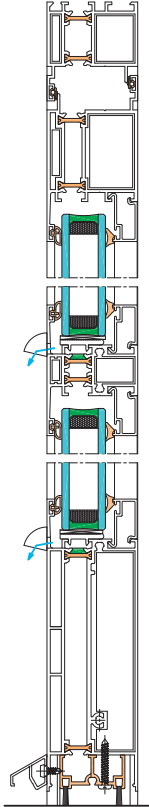
- Various types of 1 or 3-point locks.
- Optional anti-unhinging and burglar-proof devices.

Standards

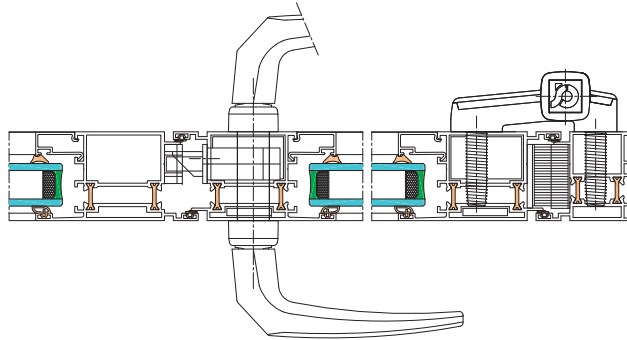
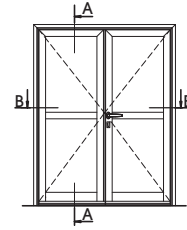
- Threshold complying with PMR standard.



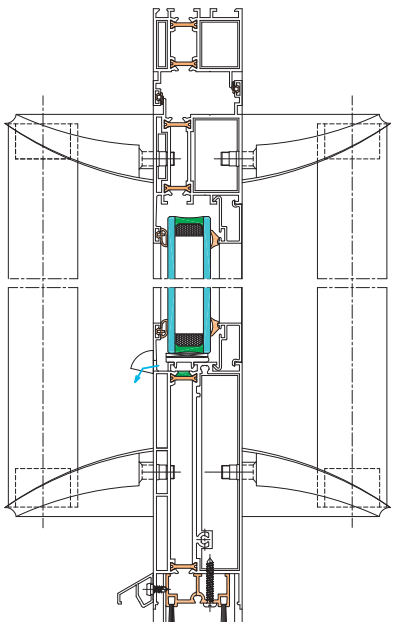
—Typical Sections



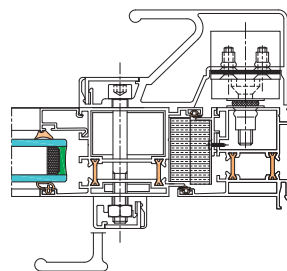
Vertical section A-A



Horizontal section B-B



Round vertical push-pull bars



Detail of electromagnetic lock

Pluses Fabrication & Fitting

Machining

- Single tool for all the machining operations.

Assembly

- Crimped or screw-fixed aluminium corner cleats.

Fitting

- 2-dimensional hinge adjustment.

Comète® 50TH Fast-Fitting



— Features —

This range of thermal-break clamp-hinge doors for service, industrial, and commercial buildings is composed of 50-mm fixed and opening frames, mitre-joined by means of crimped or screw-fastened corner cleats. Glazing thickness ranges from 5 to 34 mm.

The system allows for the realisation of various frame combinations with the Espace® 50 window range.

Large choice of standard and custom accessories to suit different needs and applications.

Pluses Product

Insulation & Weatherproofing

- Infill from 5 to 34 mm.
- Centered insulating bars.
- Double rabbet gasket.
- Bottom sealing by double broom gasket.

Large Dimensions

- Reinforced profiles for large-sized frame combinations.

Look

- Round-shaped profile edges.
- Finishing rod for fixed and opening frame.

Technical

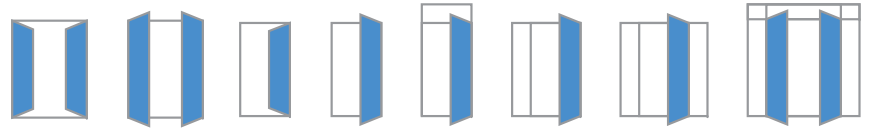
- Clamped locks and full-height lock strikes.
- Push bar for integration of electromagnetic lock.
- Round vertical push-pull bar.
- Glazing pocket extension accepting infills up to 54 mm.

Safety

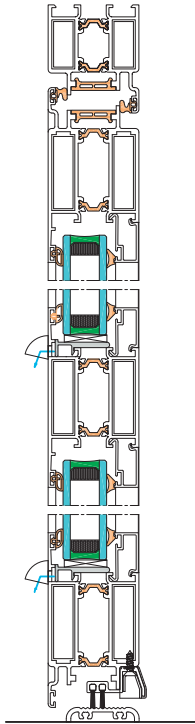
- Various types of locks, up to 5 points (3-point automatic lock).
- Optional anti-unhinging and burglar-proof devices.

Standards

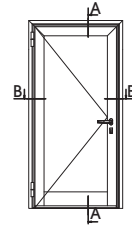
- Threshold complying with PMR standard.



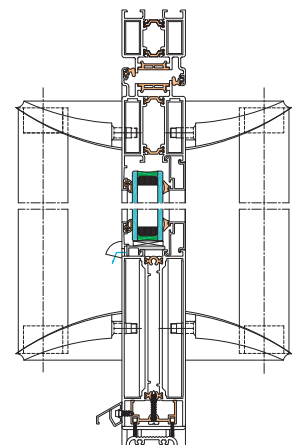
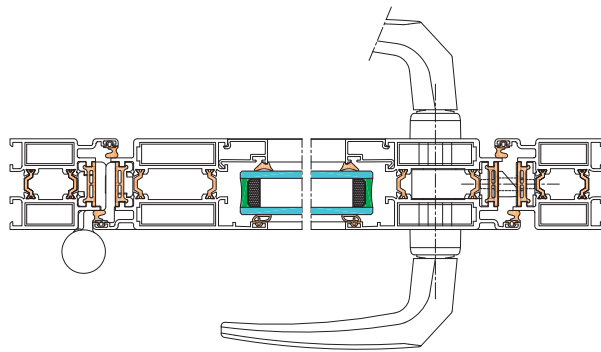
—Typical Sections



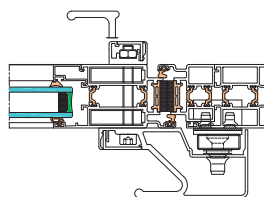
Vertical section A-A



Horizontal section B-B



Round vertical push-pull bars



Detail of electromagnetic lock

Pluses Fabrication & Fitting

Machining

- Single tool for all the machining operations.
- Easy-fitting, removable threshold.
- Reduced machining and assembly time.
- Clamp-hinges.
- On-site fitting of threshold and hinges possible.

Profile Optimization

- Profiles with double self-clipping groove available.
- Single in-/outward doorframe.

Fitting

- 2-dimensional hinge adjustment.

Opening Frames 50TH & 26TH



1 Espace® 50TH openable and fixed windows, Comète® 50TH fast-fitting doors - 2 Espace® 50TH windows in Univers® 54 curtain wall
3 Espace® 50TH bottom-hung window, Comète® 50TH fast-fitting door

Comfort



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4 Espace® 50TH openable and fixed windows, Galaxie® 26TH sliding windows - 5 Comète® 50TH fast-fitting door
6 Espace® 50TH awning window in horizontal-raster curtain wall - 7 Comète® 50TH fast-fitting door with fixed sidelights

Installux Aluminium

Designer of Aluminium Systems since 1963

Tuned to Trends

By creating still more accomplished and coherent ranges, we aim to meet the professionals' and their Clients' expectations. By anticipating the requirements of the present standards, we were among the first actors of the sector to integrate the notion of energy-efficiency into all our systems, while still improving the complementarity and the look of our products.

At the Service of the Residential and Non-residential Building Professionals

As an independent French company with over 1,500 professional Clients in the building finishing's sector, we have built our reputation upon the quality of our service and technical capability.

We work in close collaboration with them in order to design products perfectly suitable to their needs and to the evolution of the residential and non-residential market. Our systems are designed as a coherent whole in order to facilitate and enhance the quality of their work, and to offer the end customer comfort, style, and safety.

A Solution for each Requirement

Our mission: always to be able to meet the constraints, the demands, and the ideas of our Clients and of the end customers.

Because each construction is unique, we have developed products capable to fit into any requirement: individual house or multiple dwelling, new building or renovation, architectural projects, etc. As a consequence each project can be approached with the same guarantee of performance and design.

Colour, accessories, finish, shapes: we offer you the best that can be made of aluminium. So you can expand your projects to the limits of your imagination.

Our Expertise

Our mastery of aluminium is based upon strict quality control. For instance, all our technical data are subjected to certified tests carried out by our own teams and by independent organisms. The powdercoating of our profiles conforms to the specifications of the Qualicoat/Qualmarine label, thus guaranteeing perfect adhesion of the coating and stability of the colours.

Innovation, our Central Ambition

In order to keep breaking new ground in our core business, we always have put innovation at the centre of our approach.

All year round the teams of our R&D Department and Test Centre work on our products in order to improve their energy-efficiency, their look, and their fabrication and installation methods. This know-how has allowed us to participate in remarkable projects requiring the combination of efficiency with sophistication.

This expertise we share and develop with our Clients, which we frequently include in our technical committees to confirm the relevance of our choices.

As far as suppliers are concerned, we have always favoured local and innovating SMEs: dynamic enterprises eager to break new ground, with which we are able to develop the products and technologies of the future.

The other Installux Building Ranges



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