

FOLDING WALL

FIESTA 42

System description



Product information

The FIESTA 42 folding wall is a non-thermally broken system with a top track or a bottom track. The entire glass wall can be folded to a narrow, space-saving package. It is therefore especially suited for large-scale glazing of summer gardens, terrace roofs or on restaurant/hotel terraces.

Together with the window and door system of the FIESTA 42 system model, it is possible to plan a perfectly adapted complete system.

System characteristics

- Folding wall made of aluminium profiles without a thermal break
- Top or bottom track
- Glazing: 5/32" to 1 1/16"
- Maximum panel width: 3'-3"
- Maximum system height: 8'-10"
- Track lengths of up to 22' without a joint connection
- High-quality gimbal-mounted rollers with stainless steel roller bearings
- Opening: to the left or right, and from the centre, i.e. to both sides, folding inward or outward
- Standard ceilings with 90° or 135°
- Black, silicone-free system seals coated with non-friction polymer
- Handles by Hoppe (Toulon series)
- Available in the Pergola Room TREND-colours and in clear anodised E6/EV1 without extra charge

Options

- Multipoint locking on the active panel
- Add on profile 1 9/16", 2 3/4" and 4"
- Compensation profile 2 1/8"
- Corner solutions with fixed or mobile posts
- Recessable floor connection
- Cleaning mandrel (if technically feasible)
- Transoms, window panels or vents can be integrated in the folding elements.

Performance characteristics



Wind resistance

up to class C1/B2, EN 12210



Driving rain resistance

up to class 7A (300Pa), EN 12208



Air permeability

up to class 4 according to EN 12207

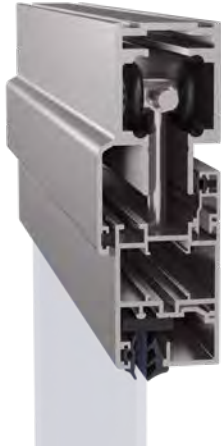


Panel weight

up to 132 lbs maximum

Current test values and certificates are available online at: www.pergolaroom.com

What makes the FIESTA 42 folding glass wall special



1

Top or bottom track

- The system can be supplied either with top or bottom tracks.
- Both, top and bottom track systems are height adjustable for realignments.
- High-quality gimbal-mounted rollers with stainless steel roller bearings for a long service life of your system.



2

User-friendly details

- The stop of the bottom track can be folded down to prevent dirt from entering.
- Recessable bottom track for a barrier-free passage.

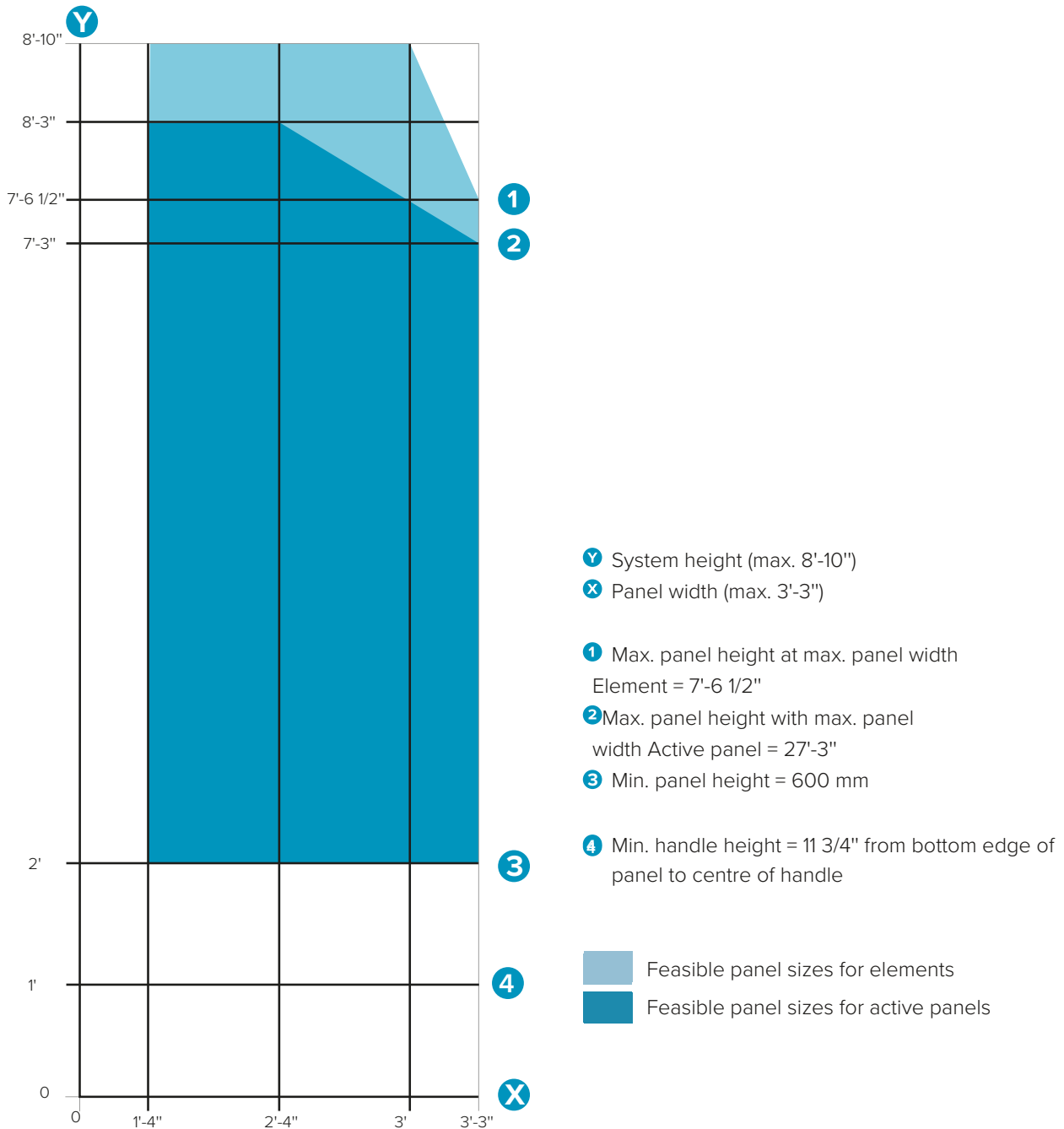


3

Matching complete system

- The frame system of the FIESTA 42 folding wall can be expanded with the window, fixed element and door systems of the FIESTA 42 series.
 - The aluminium frames are perfectly matched and complement each other ideally.
- 1 It is possible to plan a technically (sophisticated coupling detail) and optically sound complete system.

Diagram



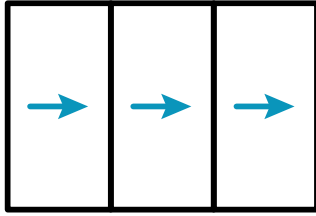
Please note:

- This diagram refers to the system height including the frame.
- The panel width corresponds to the system width divided by the number of panels.
- The panel weight of max. 132 lbs must be taken into account when dimensioning the system.

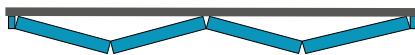
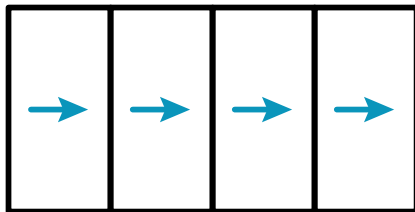
Opening variants

Opening inwards (view from inside)

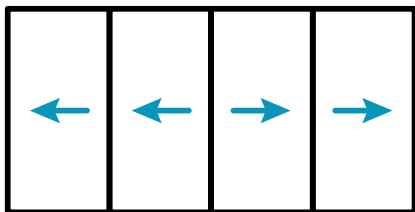
I-3R



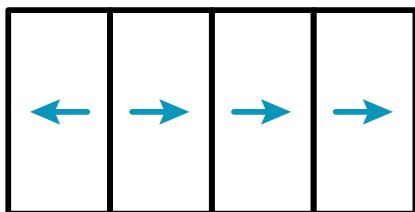
I-4R



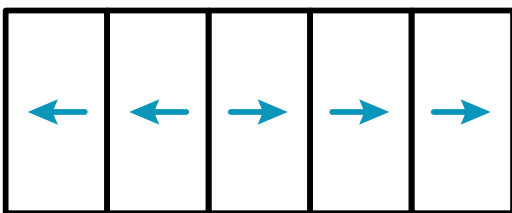
I-2L 2R



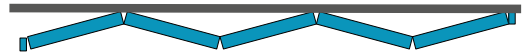
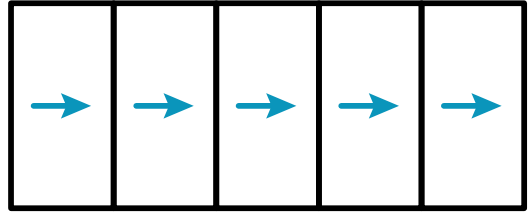
I-1L 3R



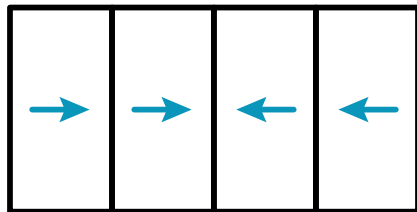
I-2L 3R



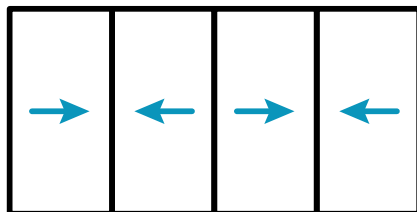
I-5R



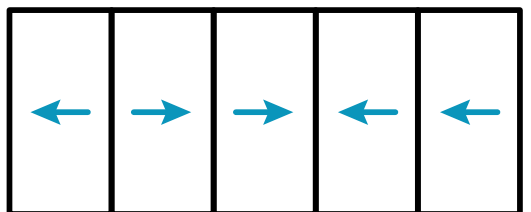
I-4LR



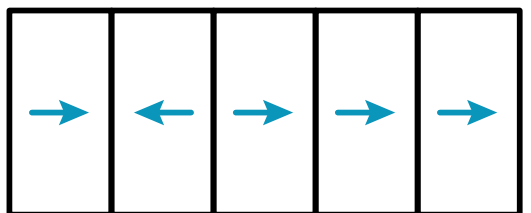
I-2LR 2LR



I-1L 4LR turn

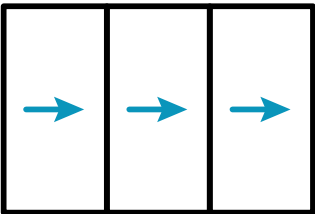


I-2LR 3R

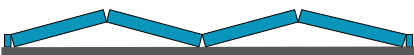
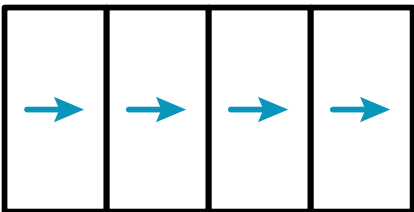


Opening outwards (view from inside)

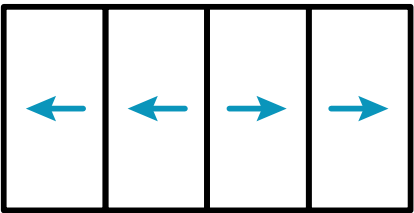
I-3R



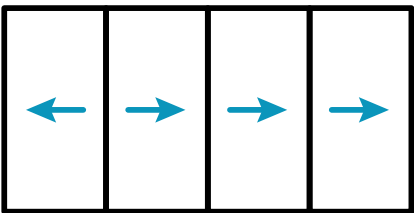
I-4R



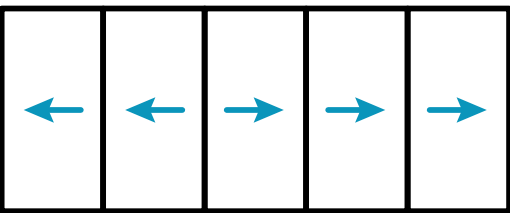
I-2L 2R



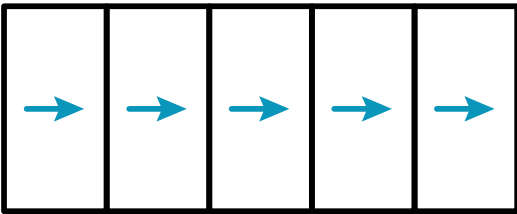
I-1L 3R



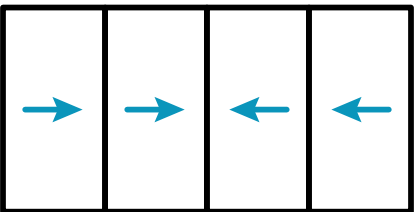
I-2L 3R



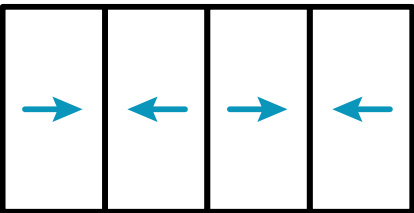
I-5R



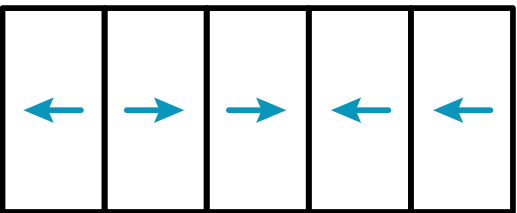
I-4LR



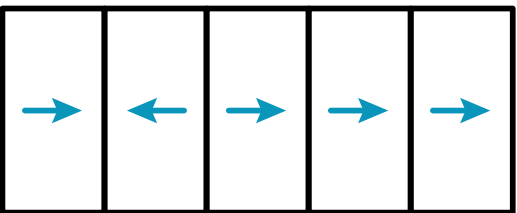
I-2LR 2LR



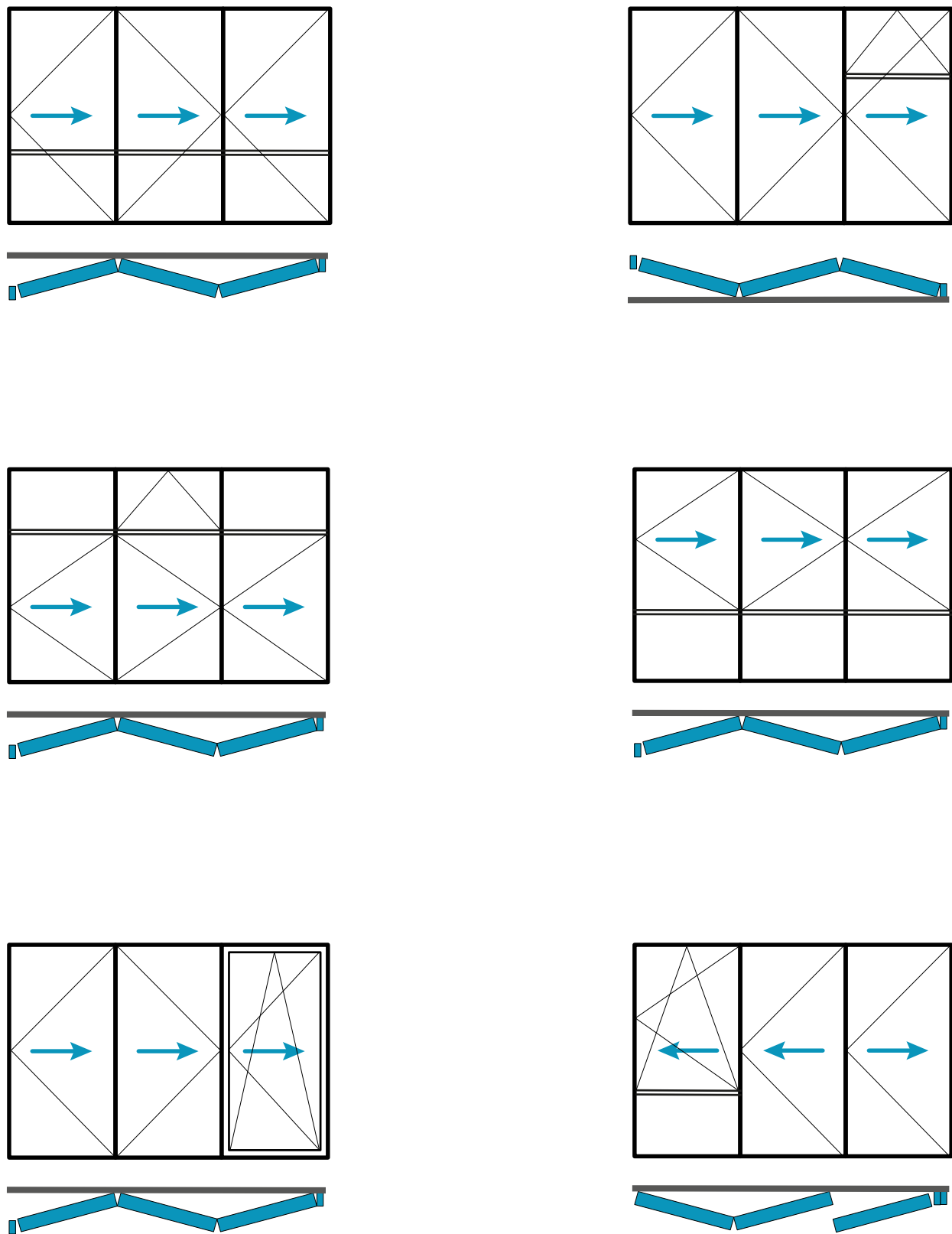
I-1L 4LR turn



I-2LR 3R

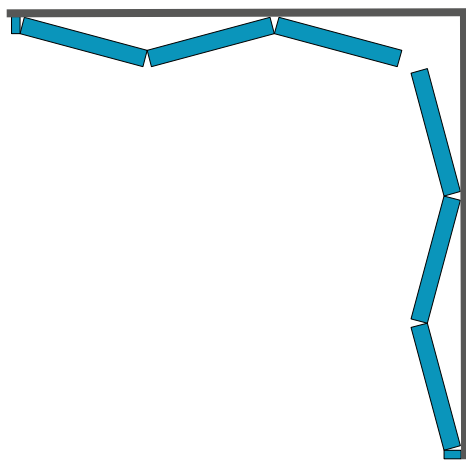
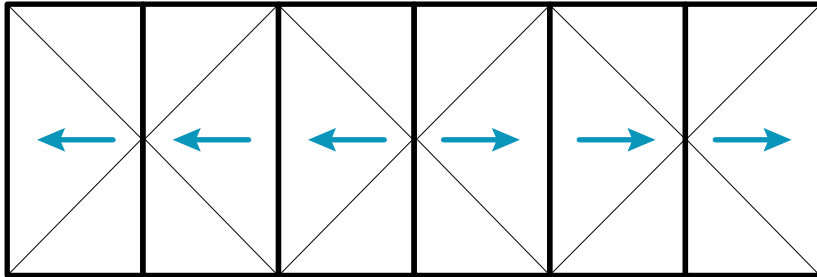


Variations with integrated window FIESTA 42 (view from inside)

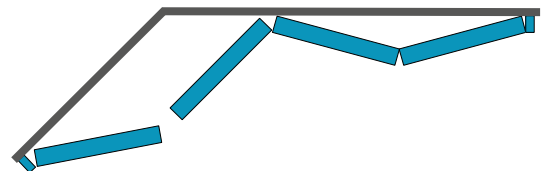
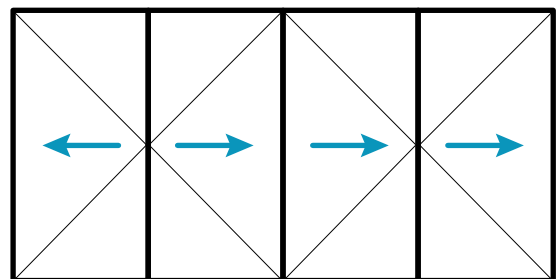


Special opening variants (view from inside)

90° option



135° option



Information

Does your construction situation require a special solution or do you need help with project planning?

Pergola Room can help you to find the solution and prepare offers for complex constructions.

Please contact our engineering team for assistance.

Handle types



Standard opening outwards



Active panel:

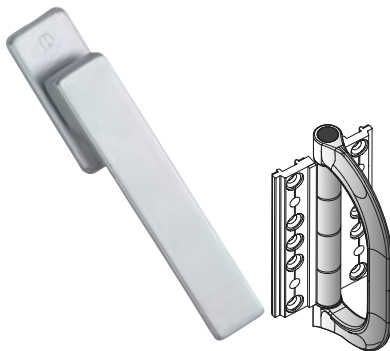
Operation from the inside:

FH: Flat handle inside

Operation from the outside:

PH: Pull handle

Handle colour: F1 silver aluminium



Folding package:

Operation from the inside:

FH: Flat handle inside

ZGS: Pull handle on hinge

Handle colour: F1 silver aluminium

Pull handle colour: white, grey or black

Standard opening inwards



Active panel:

FH: Flat handle inside

Handle colour:

F1 silver aluminium



Folding package:

FH: Flat handle inside

Handle colour:

F1 silver aluminium

Options



WH

Window handle 180°

Handle colour:

F1 silver aluminium



LWH

Window handle 180° lockable

Handle colour:

F1 silver aluminium



FHR / FHP

Flat handle

with round cylinder or
profile cylinder section

Handle colour:

F1 silver aluminium



DH

Door handle "inside"

Handle colour:

F1 silver aluminium



DHR / DHP

Door handle "inside"
with round cylinder
or profile cylinder section

Handle colour:
F1 silver aluminium



DHSR / DHSP

Door handle set
with round cylinder or
profile cylinder section

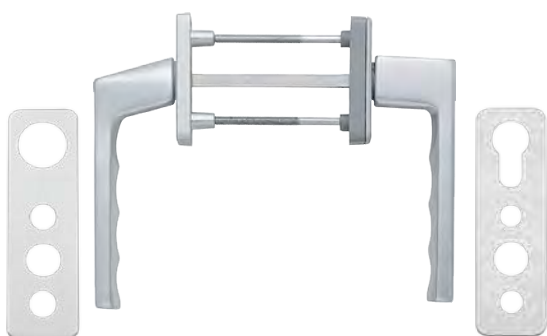
Handle colour:
F1 silver aluminium



WFSR / WFSP

Window handle set:
Window handle 180° & flat handle
with round cylinder or
profile cylinder section

Handle colour:
F1 silver aluminium



WHSR / WHSP

Window handle set:
Window handle 180°
with round cylinder or
profile cylinder section

Handle colour:
F1 silver aluminium



For detailed information about the handles, handle combinations and cylinder sections, please refer to the "Handle documentation".

FAQ about the FIESTA 42 folding wall

Here you will find further information and details as well as answers to frequently asked questions.

For which uses and areas of application is the FIESTA 42 folding wall suited?

The system is ideally suited for private use as glazing for summer gardens and terrace roofs. It is also ideally suited for use in the restaurant and hotel sector.

Which opening variant is recommended? Opening inwards or outwards?

We recommend that the folding wall opens outwards. This provides additional reinforcement against wind loads and wet conditions. In addition, it is not necessary to plan the required storage space on the inside for the folding walls. In principle, both opening variants are possible.

What other systems is the FIESTA 42 folding wall compatible with?

The folding wall is compatible with the additional systems in the FIESTA 42 series, because the profiles, seals and accessories are identical. Together with the windows and doors, these result in a complete system that is perfectly co-ordinated.

Do you recommend a top track or a bottom track?

If the installation site allows, we recommend a top hung system because the rollers stay a lot cleaner.



Take advantage of the comprehensive Pergola Room product range and our well-known expert advice. For further information, visit

pergolaroom.com | 800 215 0 216 | info@pergolaroom.com