

ES zerøframe

The full glazed window. More transparency than ever.



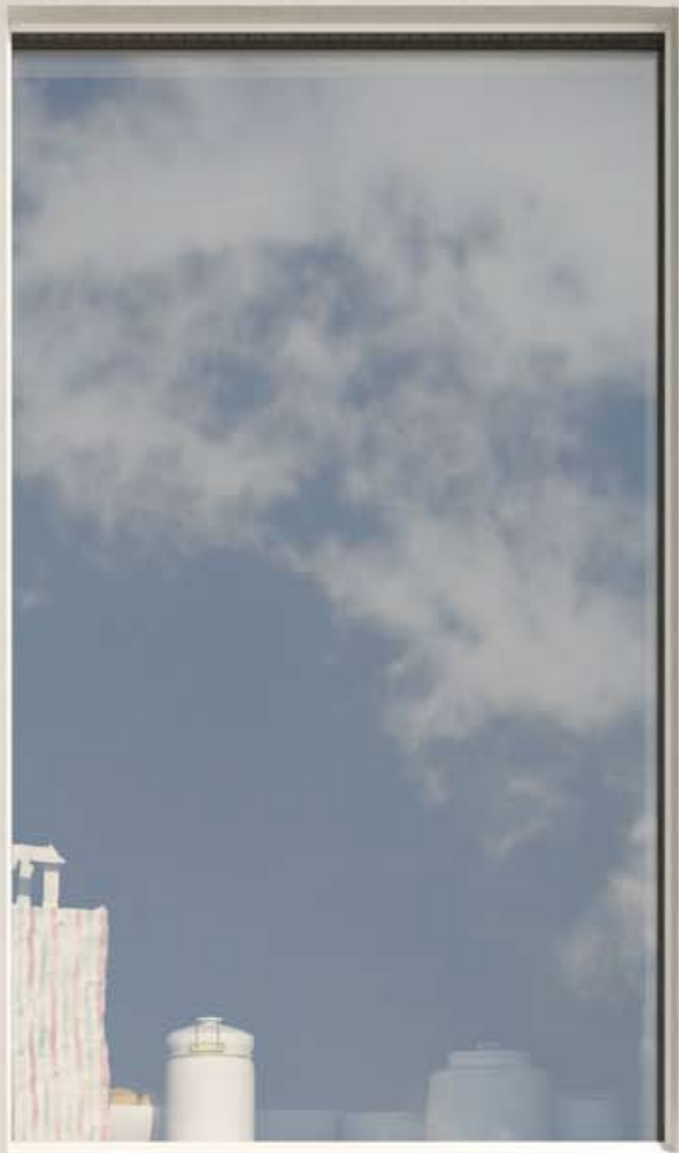
*“And then, as if enchanted,
the excesses vanish, the superfluous
disappears. From then on only elegance
remains. Nothing but elegance.”*

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The ES Zeroframe full glazed sash, with only a 44 mm serigraphy, assures an excellent thermal insulation. The glass is the main protagonist, the profile disappears, the light's passage is exceptional. It seemed impossible. Until now. Until ES Zeroframe. Zero compromises.

*Full transparency
on the
outer side*





20%
more
of light

ES Zeroframe is designed
to let more light into the rooms.
20% more than
traditional windows.



Only 44
mm of
serigraphy

44 mm inner side
0 mm outer side

*Sash and
frame
sections are
minimized*

The sash is only 60 mm
thick

The frame is only 52 mm





*Excellent
thermal
performances*

*You never have to renounce the
transparency in order to have a
higher thermal insulation*

Es Zeroframe is a new concept of window. Everything has been designed to minimize volumes and to achieve thermal insulation performances that have never been reached before at the same time.



180° sash opening

The new concealed hardware allows 180° opening

Microventilation

By turning the handle to 135° the minimal opening of the sash allows a correct change of the air safely





tilt and turn opening

By turning the handle to 180° the traditional tilt and turn opening is allowed.

2 sashes opening

Only 69 mm of central groove



ES zerøframe

*We have three secrets:
glass, glass and glass*

Behind the stylistic choices and a minimal design there is all the reliability of ES zero frame. A range of models created to meet every situation, every need of the ones who live in the rooms.

1 sash technical data

	Double glass	Triple glass
Maximum sash surface	window 1.300x1.500 (1,95 mq)	window 1.300x1.500 (1,95 mq)
Minimum sash dimensions	450x600 mm	
Minimum window dimensions	500x650 mm	
Maximum sash weight	100 kg	
Glass	33.1/24/6T	33.1/15/4T/15/6T
Frame profile	Thermal cut aluminium	
Sash section	60 mm	
Frame section	52 mm	
Serigraphy	44 mm serigraphy only inner side	
Opening sash	180°	
Spacer	Warm Edge	
Gasket	Central (open joint)	
Hardware	Concealed	
Microventilation	Standard	
Thermal insulation	window Uw 1.56 W/m ² K*	window Uw 1.26 W/m ² K*
Noise reduction	Up to 40dB ***	Up to 42dB ***
Airtightness	Class 4	
Wind resistance	A5	
Water tightness	1200 Pa	

2 sashes technical data

	Double glass	Triple glass
Maximum sash surface	window 1.250x1.500 (1,9 mq)	window 1.250x1.500 (1,9 mq)
Minimum sash dimensions	450x600 mm	
Minimum window dimensions	1000x650 mm	
Maximum sash weight	100 kg	
Glass	33.1/24/6T	33.1/15/4T/15/6T
Frame profile	Thermal cut aluminium	
Sash section	60 mm	
Frame section	52 mm	
Serigraphy	44 mm serigraphy only inner side	
Opening sash	180°	
Spacer	Warm Edge	
Gasket	Central (open joint)	
Hardware	Concealed	
Microventilation	Standard	
Thermal insulation	Window Uw 1.75 W/m ² K*	Window Uw 1.46 W/m ² K*
Noise reduction	Up to 40dB ***	Up to 42dB ***
Airtightness	Class 4	
Wind resistance	A3	
Water tightness	900 Pa	

*performance referred to specific test configurations: window dimensions 1230 mm x 1480 mm

***data referred to the glass configured in noise reduction version

Es Zeroframe is also available in window door and fixed version.

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GO TECHNOLOGY s.r.l.

Via Leonardo Da Vinci, 414 - 40059 Z.I. Fossatone - Medicina - BO - Italia - info@esfinestra.it - www.esfinestra.it

BLUEBELL

Architectural & Design Products

UK Partner:

+44 (0) 1371 873313

info@bluebellproducts.co.uk

www.bluebellarchitecturalproducts.co.uk

Unit 3 Martels Industrial Estate,
High Easter Road, Barnston,
Essex, CM6 1NA