

# Millennium eco doors

**Millennium eco is a unique window and door system with extremely slim profiles. The slim profiles enables maximized light and energy transmittance.**

Integrated vents and hardware are concealed - (doors).  
Millennium eco supply the aluminium profiles in special aluminium produced with renewable energy.

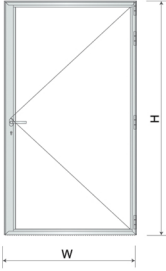
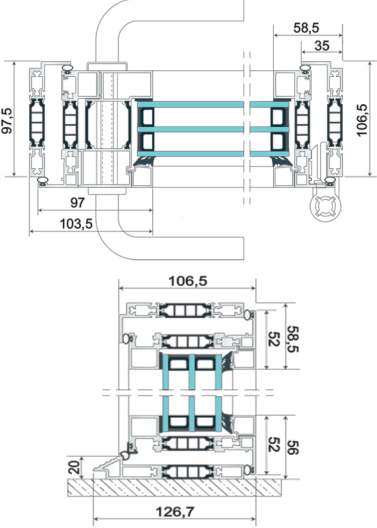
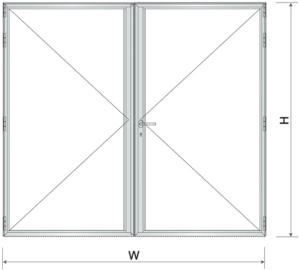
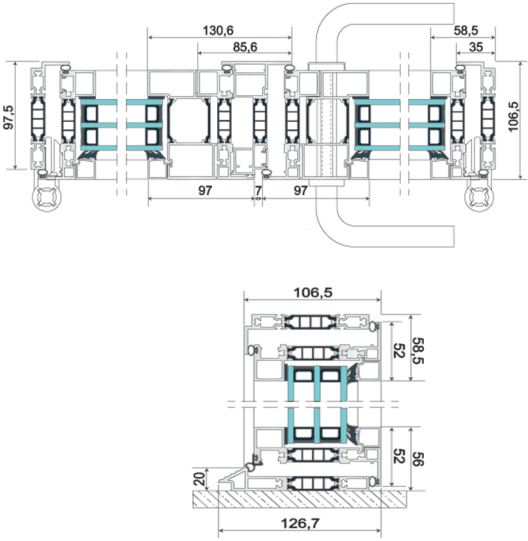
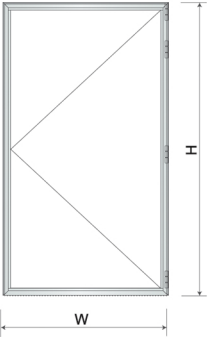
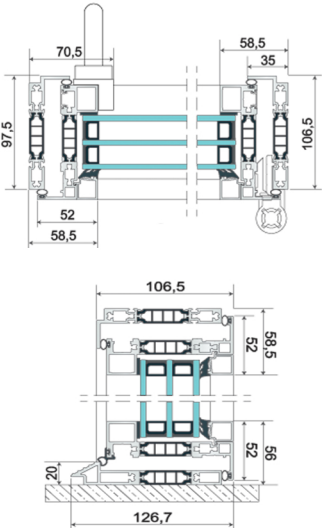
- 1) Hydro Reduxa ([www.hydro.com/en/aluminium/products/low-carbon-aluminium/hydro-redux/](http://www.hydro.com/en/aluminium/products/low-carbon-aluminium/hydro-redux/))
- 2) Hydro Circa ([www.hydro.com/en/aluminium/products/low-carbon-aluminium/hydro-circa/](http://www.hydro.com/en/aluminium/products/low-carbon-aluminium/hydro-circa/))

<b>Construction:</b>	The static properties of the profiles are optimized, as the construction of the aluminium profiles and the thermal break contributes to the strength.
<b>Design:</b>	Max dim sash: W to 1750mm, H to 2800mm Max dim single door: W to 1500mm, H to 2520mm Max dim terrace door: W to 1500mm, H to 3000mm
<b>Profiles:</b>	The system supplier is ISO 9001 certified. The system includes many profile variations, for different visual expressions. Can be surface treated as desired in different colours outside and inside.
<b>Insulating zone:</b>	The profiles are energy optimised with a specially designed thermal break between the aluminium profiles. This breaks the cold bridge throughout the entire length of the profiles.
<b>Air permeability:</b>	Class 4
<b>Watertightness:</b>	E 1200
<b>Resistance to wind load:</b>	C3



# Millennium eco doors

## Examples of heat transfer coefficients Ud

Door	Section	Value Ud [W/m <sup>2</sup> K]		
		3-layer glass with a warm edge		
		Ug=0,5	Ug=0,6	Ug=0,7
<p><b>Single Door</b></p> 		<b>0,90</b>	<b>0,98</b>	<b>1,1</b>
<p><b>Double Door</b></p> 		<b>0,97</b>	<b>1,1</b>	<b>1,1</b>
<p><b>Terrace Door</b></p> 		<b>0,86</b>	<b>0,95</b>	<b>1</b>

## Technical specification

	Single door G40	Double door G40	Terrace door G40
Depth of frame	97,5mm		
Depth of leaf	106,5mm		
Minimum dimensions	H=1936mm, W=700mm (W to 760mm for emergency door)	H=1936mm W=600mm (W to 760mm for emergency door) - master leaf W=230mm (W to 540mm for emergency door) - slave leaf	H=1843mm, W=543mm
Maximum dimensions	H to max. 2520mm W to 1500mm (W to 1320mm for emergency door)	H to max. 2520mm W to 1500mm (W to 2640 for emergency door) - master and slave leaf	H to 3000mm, W to 1500mm (W to double door to 3000mm)

# Fittings Millennium eco sliding doors

## Single & Double Door

**FUHR 803**  
1 point lock

**FUHR 855 GL**  
3 point lock

**FUHR 833**  
3 point lock

\*Air permeability: Class 1



## Terrace Door

**MILA terrace**





<b>LOCK</b>		<b>FUHR 803</b>	<b>FUHR 855 GL</b>	<b>FUHR 833</b>	<b>MILA terrace</b>
Euro cylinder		X	X	X	
Hook			X		
Latch		X		X	X
1 point lock		X			
3 point lock			X	X	X
Mechanical striking plate (instead of roll)		X	X	X	
Roll		X	X		
Operated by handle					X
Operated by key		X	X	X	
Handle - handle		X	X	X	X - inside only
Pull handle - handle		X	X	X	
Pull handle - pull handle		X	X	X	
El. Striking plate		X	X	X	
Door closer	GEZE TS 5000	X	X	X	X
	GEZE BOXER	X	X	X	
Hight limit	1600 - 2350	X			
	1936 - 2500		X	X	
	1870 - 3000				X
Air permeability		Class 1	Class 4	Class 4	Class 4
Water tightness		E1200	E1200	E1200	E1200
Resistance to wind load		C 5	C 5	C 5	C 5

## Handle

PBA door handle (21131) 2 pcs. pin length

SFB door handle 2 pcs.

stainless steel



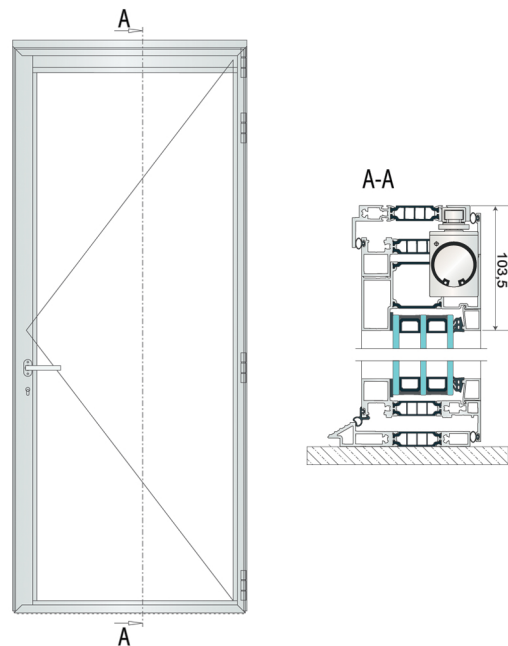
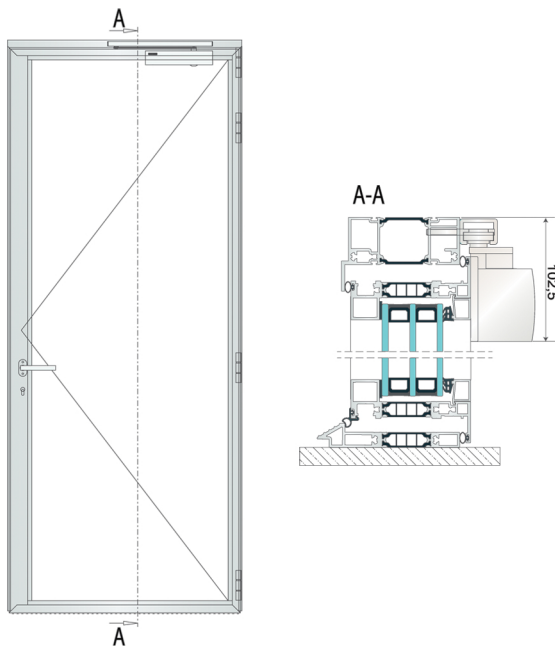
black



## Door closers

TS5000 - overhead door closer

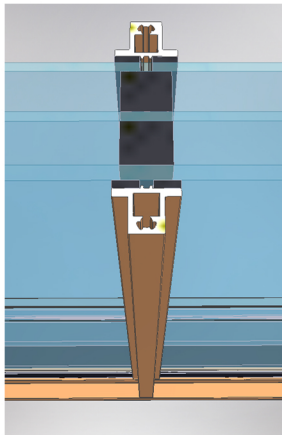
GEZE Boxer - hidden door closer



# Types of dummy bars

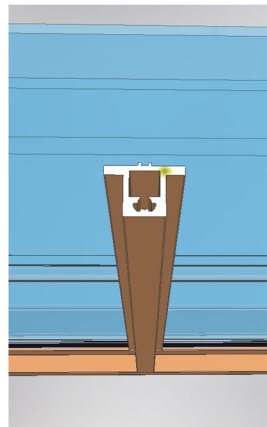
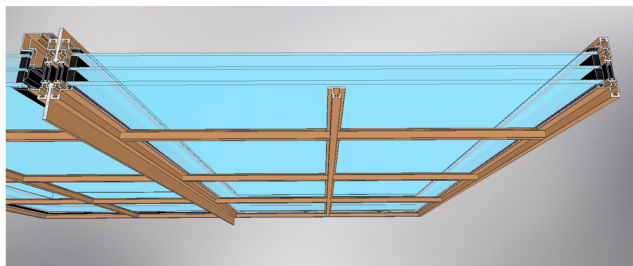
## Option 1

dummy bars mounted on the glass with spacer tape and silicone



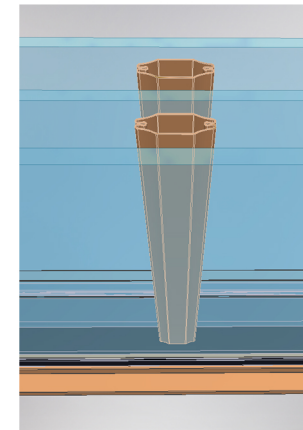
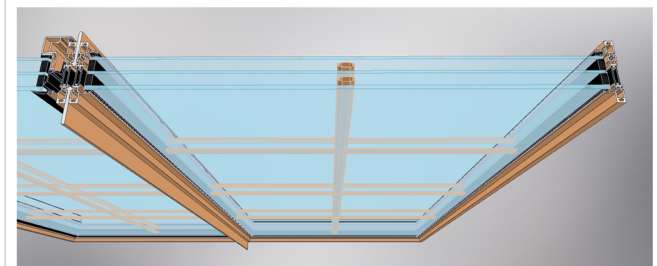
## Option 2

dummy bars mounted to the frame from the outside



## Option 3

dummy bars between window panes



## Option 3



Millennium-ECO  
email: [help@millennium.eco](mailto:help@millennium.eco)  
[www.millennium.eco](http://www.millennium.eco)