

# Millennium eco windows

**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 - (windows).

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/))

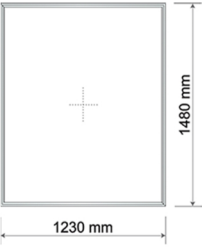
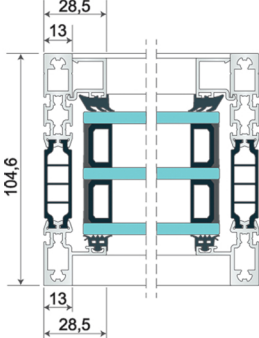
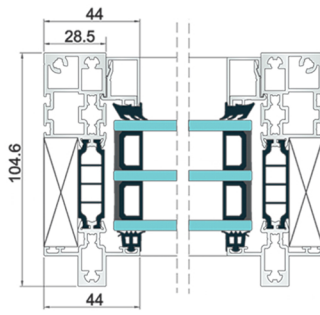
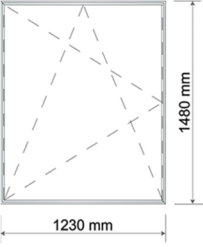
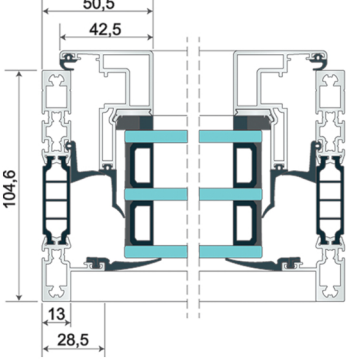
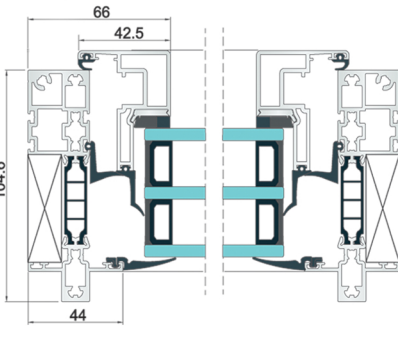
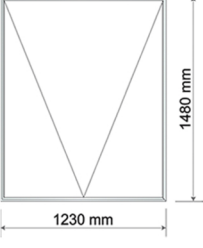
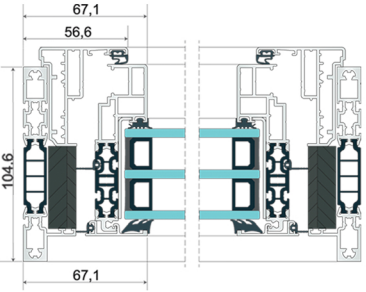
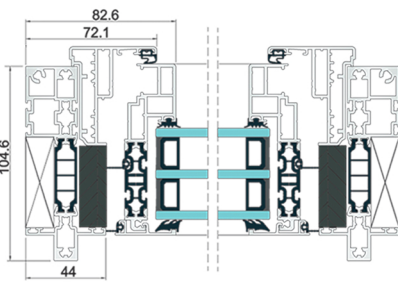
2) Hydro Circal ([www.hydro.com/en/aluminium/products/low-carbon-aluminium/hydro-circal/](http://www.hydro.com/en/aluminium/products/low-carbon-aluminium/hydro-circal/))

<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 windows

## Available versions & Uw

Window section	Slim	Standard	Value Uw [W/m <sup>2</sup> K]					
			3-layer glass with warm edge					
			Ug=0,5	Ug=0,6	Ug=0,7			
<p><b>Fix</b></p> 			0,75	0,84	0,93			
<p><b>Inward opening</b></p> 						0,84	0,92	1,00
<p><b>Outward opening</b></p> 								

## Technical specification

		Inward Turn/tilt
Select hardware	Maximum dimensions	W to 1750mm, H to 2800mm W:H ≤ 2:1
	Maximum weight	150kg
	Maximum area	3,0 m <sup>2</sup>

		Outward Turn/tilt
Tophung	Minimum size	min. W to 430mm, min. H to 480mm
	Maximum dimensions	W to 1600mm, H to 2500mm
	Maximum weight	180kg
	Maximum area	3,0 m <sup>2</sup>

## Window handle



stainless steel

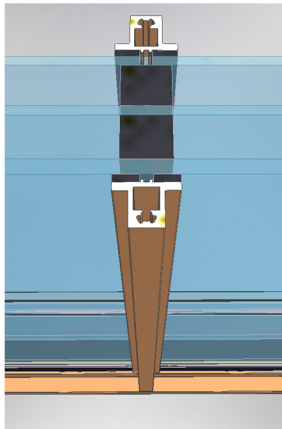


black

# Types of dummy bars

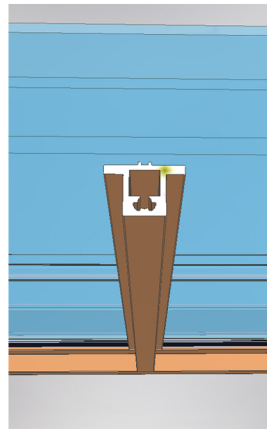
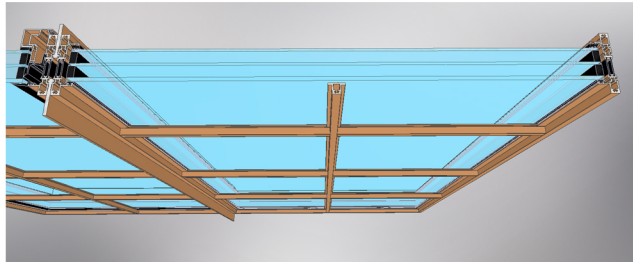
## Option 1

dummy bars mounted on the glass with spacer tape and silicone



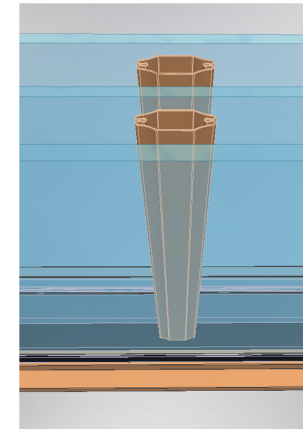
## Option 2

dummy bars mounted to the frame from the outside



## Option 3

dummy bars between window panes



## Option 1



## Option 2



## Option 3



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