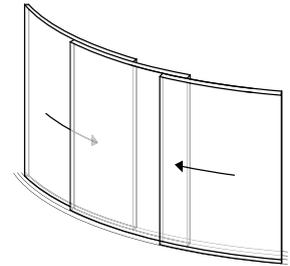


# TH+ RANGE CURVED

## PRODUCT INFORMATION

Using 32- or 44-mm-thick double or triple glazing, the Vitrocsa TH+ range with the curved system allows for sliding glass surfaces with a minimum radius of 3 meters for sliding applications or a minimum radius of 1.5 meters for fixed applications.

The excellent thermal quality of the profiles, in combination with the glass, meets current standards for low energy consumption.



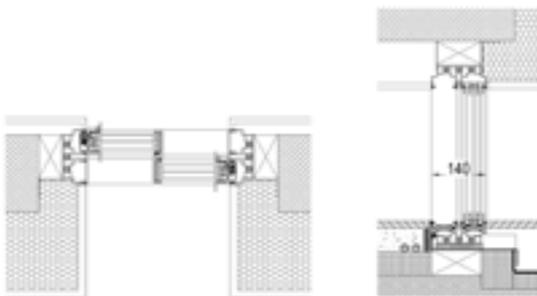
## RAILS + FRAMES

- Embedded and concealed in the floor, wall and ceiling
- Frame just 140 mm wide for a birail (mono: 64 mm + 12 mm seal)
- Saline treatment specially adapted for coastal projects

## VERTICAL CONNECTION

- 22 mm
- Reinforced for very windy locations or installation at high altitudes

## MAIN CROSS SECTIONS



## APPLICATIONS

- Open angle
- Pocket
- Motorisation
- Seuil invisible à une et plusieurs pistes

## GLAZING

- 32 mm or 44 mm
- Dimensions according to configuration and glass supplier

## LOCK MECHANISM

- 1-point closure button (029, 035, 055)
- Two-point closure button
- Cylinder
- Range of options for electric closure
- Alarms
- RC2 option

# TH+ RANGE CURVED

## PERFORMANCE

To clearly demonstrate the properties of the VITROCSA 3001 CURVED window, we have conducted standardised tests in an accredited laboratory (SWISS TESTING SERVICE NUMBER STS 317).

The results of these investigative tests are shown in the table below:

<b>TH+ fixed-sliding</b>	<b>Standards (test and classification)</b>	<b>Classification</b>
Air permeability	EN 1026 (test) EN 12207 (classification)	Class 3
Water permeability	EN 1027 (test) EN 12208 (classification)	Class 8A
Wind resistance	EN 12211 (test) EN 12210 (classification)	Class B5
Repeated opening/closing	EN 1191 (test) EN 12400 (classification)	Class 3 (20,000 cycles)
Resistance to a vertical load	EN 14608 (test) EN 13115 (classification)	Class 3 (600 N)
Resistance to break-ins	EN 1628 to 1630 (test) EN 1630 (classification)	WK2/RC2 (resistance class 2)
<b>TH+ fixed-sliding MINERGIE frame</b>		
<b>TH+ fixed-sliding MINERGIE frame</b>	<b>Standards (test and classification)</b>	<b>Classification</b>
Air permeability	EN 1026 (test) EN 12207 (classification)	Class 4
Water permeability	EN 1027 (test) EN 12208 (classification)	Class 9A
Wind resistance	EN 12211 (test) EN 12210 (classification)	Class B3
Behaviour in different climates	EN 13420 (test)	There is no classification
Calculation of the $U_w$ value and isotherm	EN ISO 10077-1, 2	$U_w$ 0.97 W/(m <sup>2</sup> K)
<b>TH+ sliding-sliding</b>		
<b>TH+ sliding-sliding</b>	<b>Standards (test and classification)</b>	<b>Classification</b>
Air-borne noise insulation (measured in the laboratory) Glass: vPh 5/0.76/5 - 16 - vF5 total thickness: 31.8 mm	EN ISO 10140 (2010)	36 dB