

|                | MINIMUM • ΕΛΑΧΙΣΤΟ | MAXIMUM • ΜΕΓΙΣΤΟ |
|----------------|--------------------|-------------------|
| height • ύψος  | 2000mm             | 3000mm            |
| width • πλάτος | 1115mm             | 2000mm            |

## TECHNICAL CHARACTERISTICS

- frame profile width: 115 mm
- sash profile width: 115 mm
- aluminium sheet thickness: 3mm
- special anti-distortion glass reinforced polyamides, 34mm, with polyurethane core
- continuous central gasket
- standard 5-point automatic lock
- pivot mechanism with adjustable pins
- co-planarity between frame and sash
- special 7mm threshold
- integrated recessed external handle
- CE certification

## PERFORMANCE

- heat transfer co-efficient -  $U_f$  up to 1,50 W/m<sup>2</sup>K
- heat transfer co-efficient, sash -  $U_d$  <0,70 W/m<sup>2</sup>K
- 3 levels of waterproofing (3 gaskets)
- air tightness: Class 3
- water tightness: Class 1A
- resistance to wind load: C5
- security level (Anti-burglary): RC3
- sound proofing up to 34dB

## SEAL



3-level sealing, with the use of specially designed EPDM rubber gaskets with continuous central gasket at the door's sash offers a high level air tightness, waterproofing and insulation.

## THERMAL INSULATION

The system uses special anti-distortion polyamides that provide thermal break to the system, which in combination with the polyurethane core achieve optimal thermal insulation. In addition, the polyamides minimize the operational problems and accommodate the deflection of the door due to the temperature difference between inside and outside.

## ACCESS

Low threshold that provides easy access to and from the interior, suitable for people with disabilities.

## SECURITY

Standard automatic 5-point lock. ZEN is also available with an electromagnetic lock version. Feel free to select the lock type and the access control system that suits your needs either through a 'finger scanner' or via a wireless digital keyboard.