

YOUR GATEWAY TO A
BETTER VIEW



Baobab

40 Casement Window & Door System

Product Brochure

CUSTODIAN *Collection*
BY H-SYSTEMS

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40 Casement Window & Door System



Configurations

- Single vents.
- Double leaf vents.
- Single doors.
- Double doors.
- Fixed frames.

Specifications

- Interior visible face widths: Frame = 45mm.
- Mullion/Transom face width= 66mm - 80mm.
- Depth of vertical mullions from 40mm to 140mm.
- Depth of horizontal transoms 40mm to 140mm.
- Inertia Mullions (Ix: wind load) from 6cm⁴ to 227cm⁴.
- Inertia Transoms (Iy: glass load) from 6cm⁴ to 227cm⁴.
- Inward opening tilt and turn.
- Grade 6063. T6.
- Sash options of 80mm or 95mm with inward/outward bead orientation options for each sash size.
- EPDM gaskets.
- Combination of single and double glazing capabilities.
- Glass thickness from 4mm to 26mm.
- System allows for inward and outward opening vents.
- Tested in accordance with AAAMSA regulations. A5 Rating.
- CE Certified Hardware ranges including Tilt and Turn.
- Allows for inside and outside glazing.



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Mullion Performance

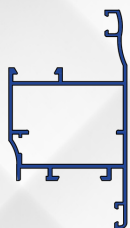
Mullions

- System contains lxx values of 6.2cm⁴, 29cm⁴, 100cm⁴ & 227cm⁴.

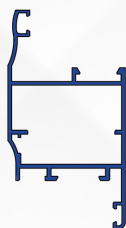
Sash Options

- Bead on inside or outside.
- 80mm and 95mm variants.
- Caters for various opening configurations.

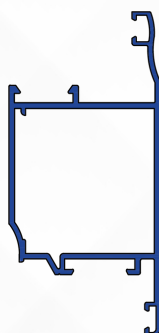
Curved Options



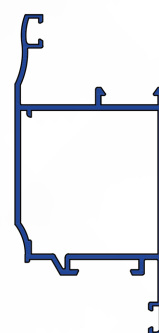
Sash Inline 80mm
CW4011



Sash Stepped 80mm
CW4031

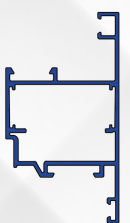


Sash Inline 95mm
CW4041

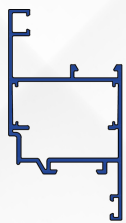


Sash Stepped 95mm
CW4051

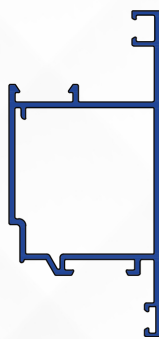
Square Options



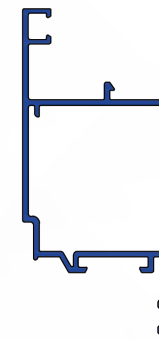
Sash Inline 80mm (Sqr)
CW4012



Sash Stepped 80mm (Sqr)
CW4032



Sash Inline 95mm (Sqr)
CW4041

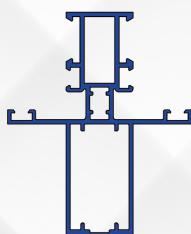


Sash Stepped 95mm (Sqr)
CW4051

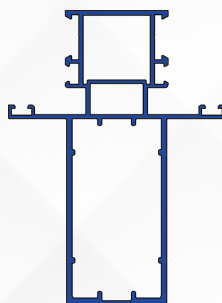
Mullion Options



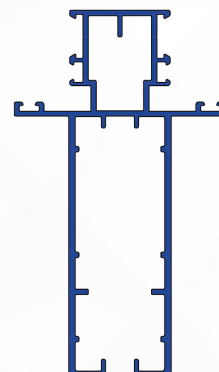
Mullion 40mm
CW4021



Mullion 81mm
CW4022



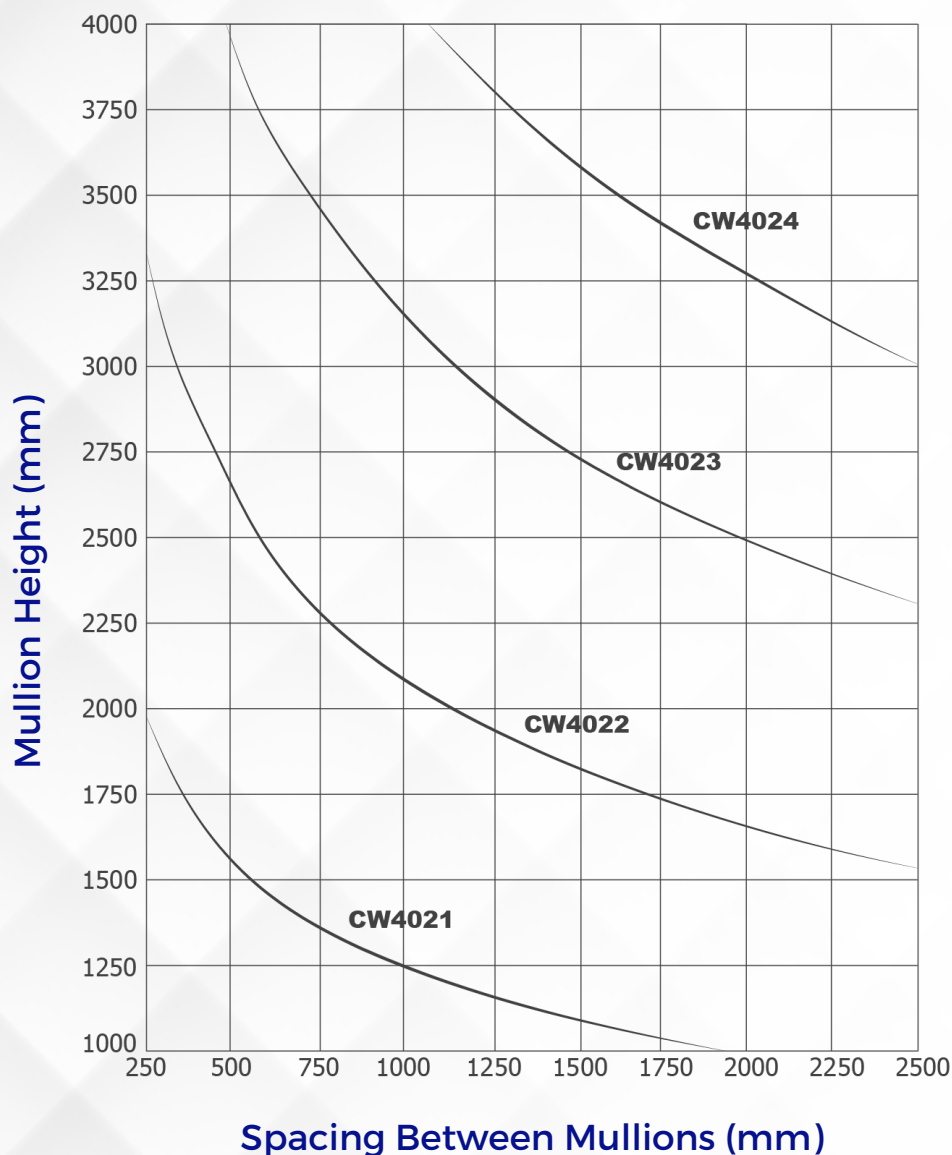
Mullion 110mm
CW4023



Mullion 140mm
CW4024

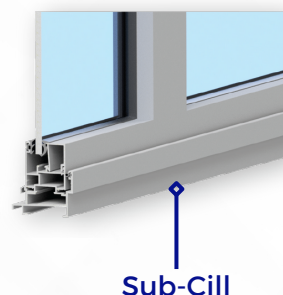
Windload Chart 1000pa

Based upon trapezoidal loading. *Limiting deflection = 1/175.



Compensating Channel & Sub-Cill

- Allows wet trades to be completed prior to screen installation, thus reducing damage to the windows.
- Reduces installation time by allowing insertion of the glazed window into the compensating channel and sub-cill.
- Acts as an integral drip while providing a water barrier.
- Allows long strip windows to be easily introduced to the building envelope.



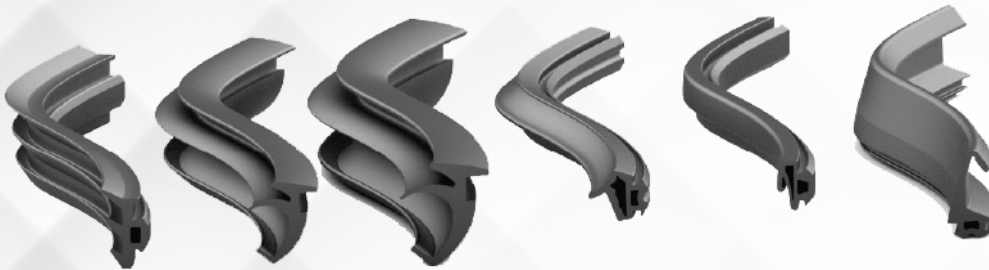
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EPDM Gaskets

- Highly resistant to compression set.
- Ensures long term weatherability.
- Sash gaskets are able to be wrapped around corners which reduces the risk of air and water infiltration.



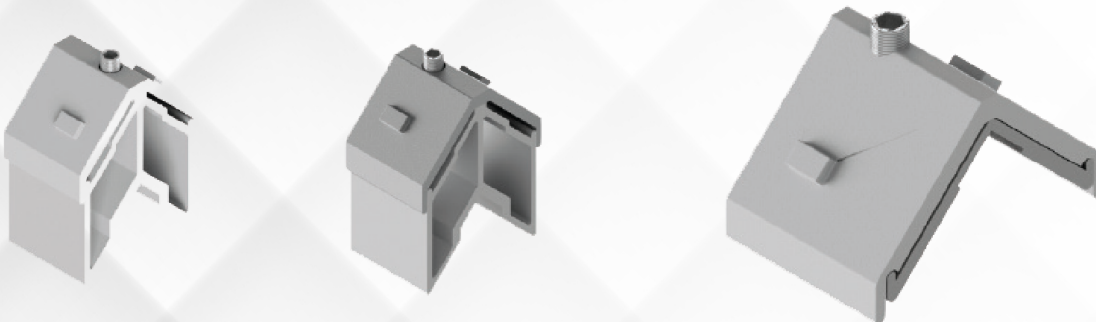
Hardware

- Superior CE certified hardware.
- Single or multi-locking capable.
- Tilt and Turn system that can be improved with extra locking points.



Mechanical Corner Cleats

- Removes the need for a pneumatic or manual corner crimper.
- Decreases the time required for fabrication of window units.
- Ensures a perfect mitre.



Punching Tools

- Decreases labour and fast tracks fabrication.
- Ensures uniform machining.
- Increases accuracy.

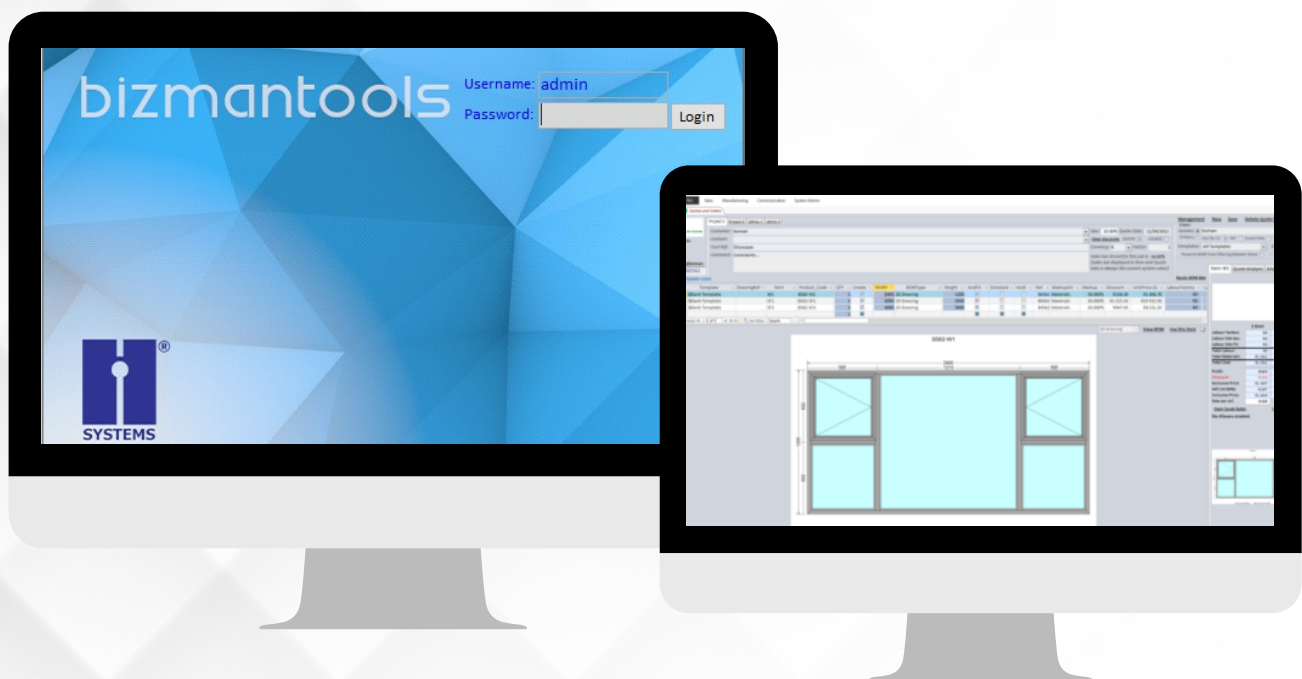
Product Features



Bizmantools



H-Systems (Pty) Ltd has partnered with Bizmantools, in developing user-friendly software which offers our valued customers a digital platform to do the following:



Bizman quoting enables our valued customers, to produce quotes for their customers and cutting lists for their production facilities at the touch of a button! The feature-packed product helps manage quality and profitability whilst ensuring all work produced is NHRBC (National Home Builders Registration Council) compliant.

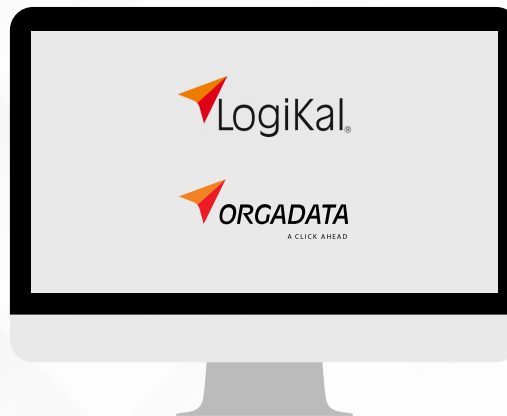
H Systems has identified our customers' needs with regards to cutting and estimating and encourage all our valued customers to enquire through our Technical Department (technical@hsystems.co.za), how to get Bizman Lite and take their businesses to the next level.



Window, door and curtain wall manufacturers plan and produce their products with LogiKal. LogiKal takes the user safely and efficiently through the entire process. It has never been so simple to design, estimate and produce doors, windows and curtain walls of all types and all sizes. LogiKal opens up direct and intuitive paths towards your goal.

Why LogiKal?

- User friendly interface.
- Personalized one on one training.
- Ongoing database updates.
- Instant help through remote support.
- Smart Measure app.
- Regular on site visits.
- Cloud solutions.
- Integration with external software.
- Information sharing & collaboration.
- Individual digitalized production.



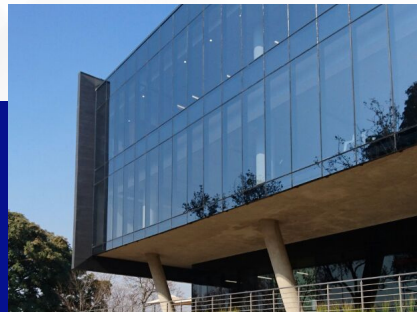
Features:

- Element Input.
- Quotation.
- Shop drawings.
- Fabrication.
- Material optimization.
- Reporting.
- Custom hardware libraries.
- Construction with CAD.
- CNC integration.
- AutoCAD & Revit plugin.



HERITAGE BY H-SYSTEMS

Generic databases comprising of various non-insulated doors, windows, fixed panels, fixed and ventilated louvre systems.



CUSTODIAN Collection BY H-SYSTEMS

Specialized systems databases unique to H Systems, comprising of both thermally broken and non insulated doors, windows, fixed panels, curtainwall and cladding systems.



aliplast® aluminium systems

A range of European systems imported from Belgium, comprising of thermally broken and non-insulated doors, windows, fixed panels and curtainwall systems.

Notes



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Our Footprint



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Technical Department

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