

TEST RESULTS

THERMAL TEST RESULTS - SANS 204		MECHANICAL PERFORMANCE TEST RESULTS - SANS 613	
DESCRIPTION	RESULTS	DESCRIPTION	RESULTS
U-VALUE	5.66 W/m²/K	NEGATIVE PRESSURE	Passed 2000 PA
SHGC	0.37	POSITIVE PRESSURE	Passed 2000 PA
DESIGN WIND LOAD	2000 PA	WATER PENETRATION	Passed 400 PA
6.38 mm Laminated Safety Glass		STRUCTURAL	Passed 3000 PA

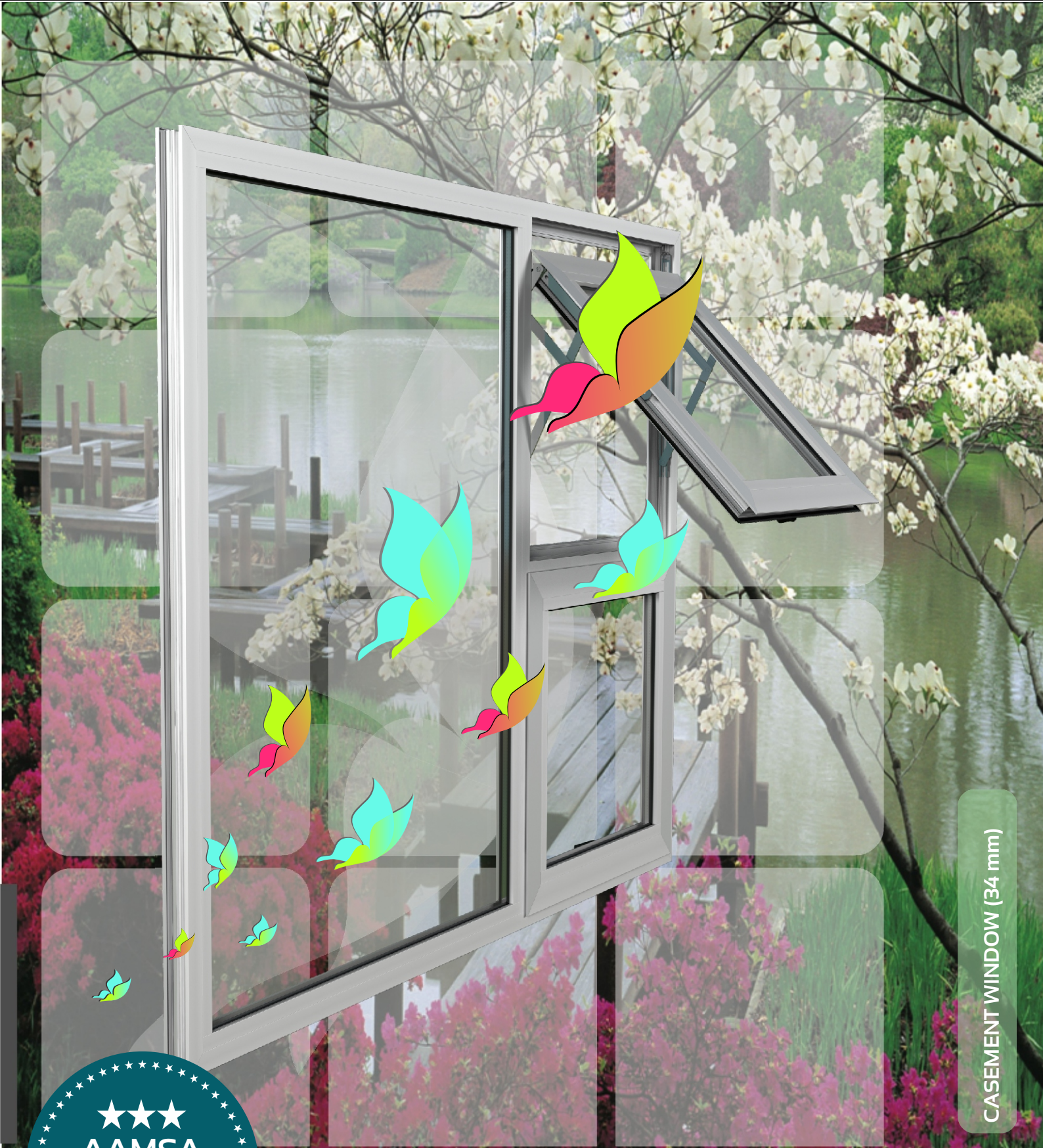
Test results are based on a specific window size and configuration and results will differ for different window sizes and configurations. Refer to U-Solve for actual design results.

APPLICATIONS

CREALCO casement windows	HOME	MANSSION	MALL	TOWER
Casement 28 window	✓			
Casement 30.5 window	✓			
Casement 34 window		✓	✓	
Casement 36 window		✓	✓	✓
Casement 38 window		✓	✓	✓
Casement 44 window			✓	
Edge thermal break casement window		✓	✓	✓
Serene Casement window		✓	✓	✓

To find your nearest Crealco Distribution Partner, please visit the Crealco website at: www.crealco.co.za

This brochure must be read in conjunction with the Installation, Cleaning & Maintenance Guidelines for the relevant system.
The manuals must also be used in conjunction with the design and cutting lists from the latest version of StarFront.



The **Crealco Casement 34 (34 mm Outer Frame)** is a projected top and side hung window suitable for both residential and commercial applications.

The Crealco Casement 34 window offers various window configurations to best suit your fenestration requirements.

The maximum permissible sizes for the Casement 34 **top hung opening pane** is **1200 mm x 900mm (w x h)** and for a **side hung opening pane** is **700 mm x 1500 mm (w x h)**.

FEATURES

- Designed to accomodate burglar bars if required.
- The window is draft-free and watertight due to the use of effective seals.
- Vents (opening panes) hinges on friction stays that allow the window to remain open at various angles without using a peg stay.
- Can be built in a face brick wall or a plastered opening.
- Insect screens can be added at the time of manufacturing or at a later stage.

GLAZING

- The Casement 34 window is suitable for both single and double glass panel (single and double glazing) options.
- It allows for various thickness of glass ranging from 4mm Clear Float glass to 6.38 mm laminated safety glass and 25 mm SIGU double glazed glass.

GASKET & SEALS

- High quality, locally available gaskets and seals are available.
- Affordable and reliable.

FINISH

- Available in a variety of popular architectural powder coating colours and finishes.

HARDWARE

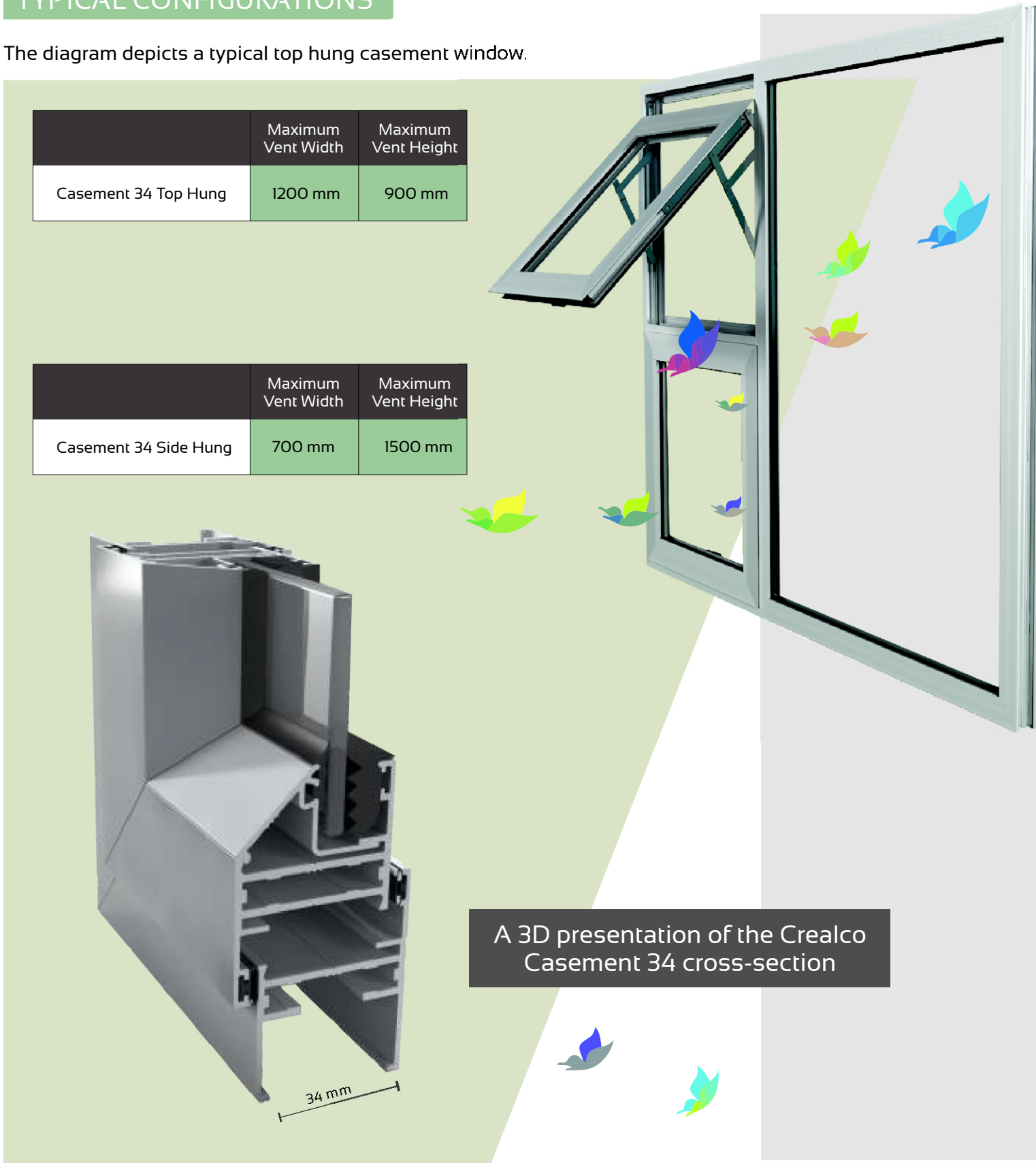
- Designed to accommodate standard local hardware.

TYPICAL CONFIGURATIONS

The diagram depicts a typical top hung casement window.

	Maximum Vent Width	Maximum Vent Height
Casement 34 Top Hung	1200 mm	900 mm

	Maximum Vent Width	Maximum Vent Height
Casement 34 Side Hung	700 mm	1500 mm



A 3D presentation of the Crealco Casement 34 cross-section

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