# Glideline

## GW80 FRAMELESS WINDOW

CEN SOLUTIONS LTD CMS MARK BS EN 14351 COMPLIANT

CE

UK CA

MADE IN ENGLAND

Architectural Glazing Systems



# Specification

**SIGHTLINES**
FRAME 80 MM DEPTH
0 MM VISIBLE INTERNAL
50 MM VISIBLE EXTERNAL

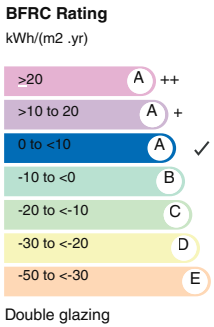
**GLAZING**
MIN 32 MM / MAX 32 MM

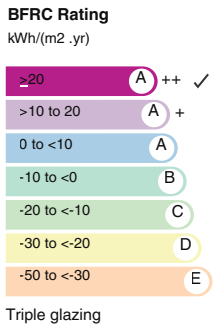
**MAXIMUM SASH DIMENSIONS**
(SIDE HUNG): WIDTH (L) 1000 MM, HEIGHT (H) 1800 MM
(TOP HUNG): WIDTH (L) 1600 MM, HEIGHT (H) 1800 MM

**MAXIMUM SASH WEIGHT**
SIDE HUNG SASH: 50 KG
TOP HUNG SASH: 60 KG

**COLOUR**
POWDER COATING RAL FINISH
STANDARD 9005M
AVAILABLE IN 150+ RAL FINISHES
TEXTURED FINISH AVAILABLE






| FEATURES | | |
|---|---|---|
| U value | | Double glazing *<br>Uw from 1.1 (W/m²K) |
| Acoustic insulation | | Rw up to 45 dB |
| Air permeability | | Class 4 |
| Water tightness | | Class E1200 |
| Wind resistance | | Class CE 2400 |
| Security test | PAS24 | Passed |

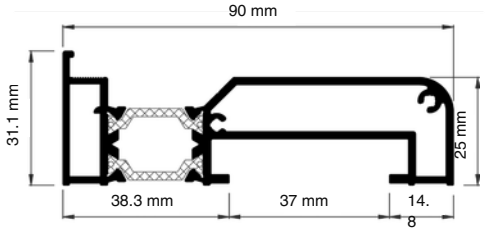
* Double glazing Ug=1.0 /
Reference test 0.9m x 1.6 m / 1 sash

# Configurations

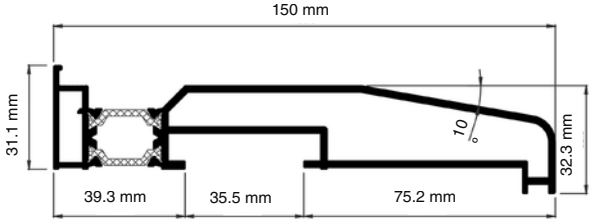




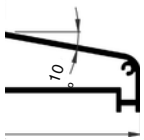

## DRAINAGE SUBCILLS



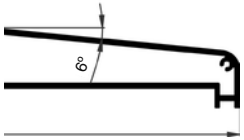

**90 MM**




**150 MM**

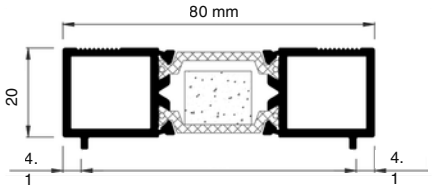



**180 MM**

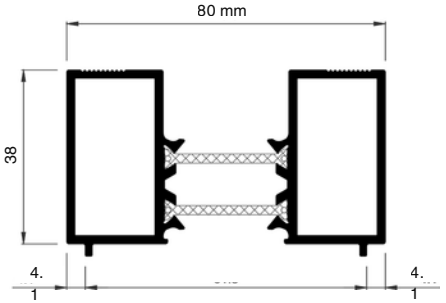



**230 MM**

## HEAD EXTENSION




**HEAD EXTENSION 20 MM**




**HEAD EXTENSION 38 MM**

OPENING POSSIBILITIES



Outward Opening

Side hung

Top hung

POSSIBILITIES

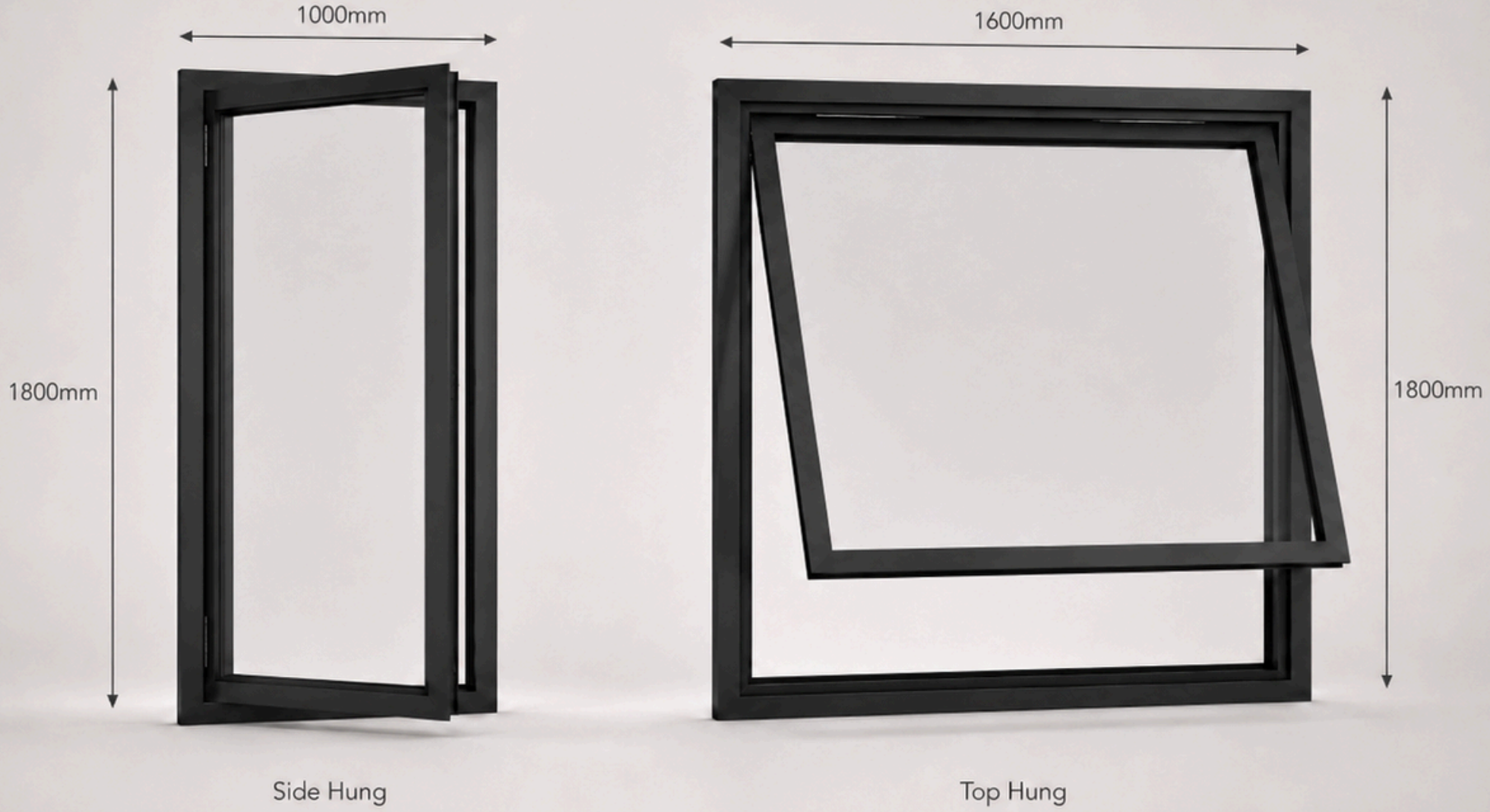
SECURITY HARDWARE

CONCEALED HINGES

# Large Sash Sizes

Up to 1000mm wide x 1800mm high side hung

Up to 1600mm wide x 1800mm high top hung



# Hidden Handle

Concealed handle.
Clean aesthetics.
Elegant performance.





Open position



Closed position



## Flush Trickle Vents - Inside



## Flush Trickle Vents - Outside



# Hardware

**GW80 HIDDEN HANDLE**

The Glideline GW80 Hidden Handle is designed to deliver a clean, architectural finish with minimal visual interruption. Precision-engineered to sit flush within the sash, the handle integrates seamlessly into the frame profile, maintaining the slim and contemporary aesthetic expected from modern aluminium glazing systems.

Machined from high-quality aluminium and finished to match the frame, the GW80 handle offers both refined design and reliable performance. Its concealed integration reduces projection from the sash while providing a comfortable and intuitive grip for everyday operation.

The result is a handle that enhances the overall appearance of the window or door while maintaining the durability and functionality required for long-term use.

Key features

- Fully flush-fitting design integrated into the sash
- Minimal projection for a clean architectural appearance
- Precision aluminium construction for strength and durability
- Designed to complement slim aluminium glazing systems
- Smooth, reliable operation with a premium tactile feel

The GW80 Hidden Handle reflects Glideline’s commitment to combining engineering precision with refined design, delivering hardware that enhances both the performance and aesthetic of the system.



# Glass Sash

**GW80 FRAMELESS GLASS SASH**

THE GW80 FRAMELESS FEATURES STEPPED GLASS THAT EXTENDS OVER THE EXTERNAL SASH, CREATING A CONTINUOUS REFLECTIVE SURFACE.

A 45 MM BORDER BENEATH THE GLASS CONCEALS THE ALUMINIUM BEHIND IT, GIVING THE WINDOW A CLEAN ARCHITECTURAL APPEARANCE.

THE OUTER FRAME CAN REMAIN VISIBLE AS A COLOUR-MATCHED SURROUND OR BE CONCEALED WITHIN THE BUILDING FINISHES FOR A FRAMELESS LOOK.

MATCHING FIXED PANES MAINTAIN CONSISTENT BORDERS AND SIGHTLINES ALONGSIDE OPENING WINDOWS.

**KEY FEATURES**

- GLASS-COVERED SASH WITH A CONTINUOUS REFLECTIVE FINISH
- MATCHING FIXED AND OPENING PANES
- OUTER FRAME SUITABLE FOR CONCEALED INSTALLATION
- SIDE-HUNG AND TOP-HUNG OPENING OPTIONS
- BLACK AS STANDARD, WITH ANY RAL COLOUR AVAILABLE



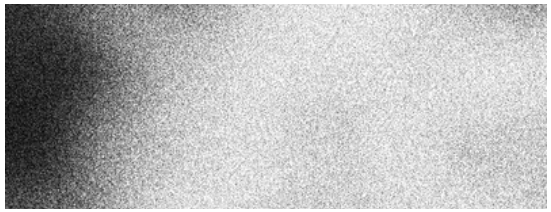
# Colours



**Black 9005 Matt**



**Custom RAL**



**Textured**



**Black 9005 Matt**



**Custom RAL**



**Custom RAL**



**Custom RAL**



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