



# COVER FRAMELESS GLASS



since  
1997

Cover Frameless Glass is registered with the South African regulatory body for aluminium and glass - AAAMSA. All our products also comply with South African building regulations and are quality tested in our testing station.

- TOUGHENED GLASS
- BEST GRADE ALUMINIUM
- STAINLESS STEEL
- MEMBER OF AAAMSA
- CERTIFIED BY PROFESSIONAL STRUCTURAL ENGINEER
- COMPLY TO NATIONAL BUILDING REGULATIONS

*Exceeding Expectations*  
since 1997



SABS Tested Products



Toughened Glass



Best Grade Aluminium



Stainless Steel

# Product Testing



SABS Testing on Balustrade Glass



Testing the Cover Stacking System

Testing the Glass Deviation

## Sliding Stacking System

### Technical Application

#### General

- Wide range of colours available
- Many shapes (straight, curved, corners)
- Open inwards or outwards / Open left, right or both ways
- Heights up to 3000mm
- Can accommodate any curtaining or blinds (short guider-arm protruding)

#### Water Proofing

- Weather resistant wool-pile strips used on profiles and tracks
- Minimum clearance between profiles to reduce penetration risk
- Build-in drain channel on inside of bottom track
- Triple wool-pile strips on closing side of system
- Double wool-pile strips on opening side of system.
- Unique rotating cam-lock action to stabilize opening panel against wind loads.
- Unique clear weather strips in between panels
- Interlocking plastic caps between panels
- Weather resistant shoulder on outside
- Drain pipes installed every 2000mm to run off any excess water penetration

### Technical Specifications

**Glass** The standard glass used is 8mm toughened glass although 10mm & 12mm can be used with different glazing beads. Toughened glass meets the safety glass requirements of the South African National Building Regulations.

**Aluminium** All structural aluminium profiles will be manufactured in 6005 grade (best grade available) aluminium. This excludes cladding material such as flats & angles.

**Steel Components** All steel components are manufactured in 316 grade stainless steel.

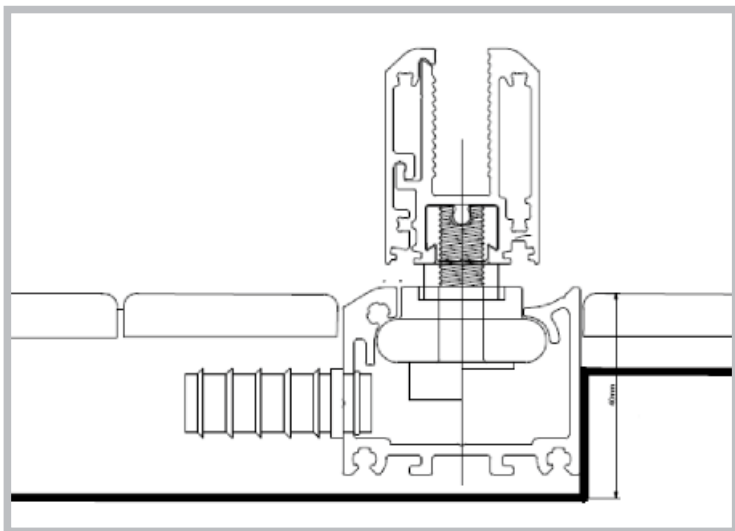
**Powder Coating** All standard powder coating on the aluminium profiles is guaranteed for 15 years.

**Weather Strips** All weather strips in between the glass panels are made from UV resistant material guaranteed for 5 years against UV deterioration. Soft silicone inserts are used to eliminate rattles and prevent water/wind penetration.

**Anchors & Screws** The anchors and screws are very important for the overall structural integrity and therefore need to be specified and certified.

#### Safety & Security

- Internal sliding locks on top and bottom profiles of opening panel
- Stainless steel key-locks available as well
- 8mm – 12mm Toughened glass
- Five times stronger than normal safety glass
- Lifetime guarantee on glass
- Strong and sturdy profiles
- 6005 grade Aluminium used
- 316 grade stainless steel bolts
- Structural glue and s/steel mechanical fixing used to secure glass to aluminum beads



*the undisputed leader in the frameless glass industry*