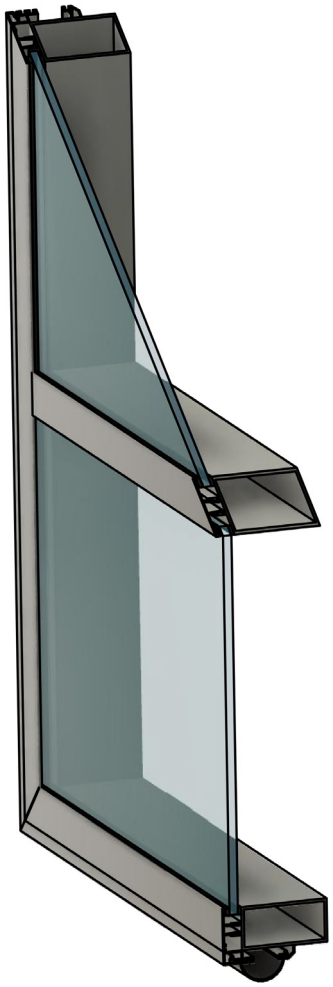
Single Glazing



GLAZED WINDOWS/ DOORS TESTED TO AS2047

SR100 SERIES FRAMING SYSTEM: STANDARD 100 x 50 mm FRONT GLAZED – 16mm POCKET

SR100 TILT WINDOW: 100 Front Single Pane Glazed – 16mm Pocket

Features

- 100mm Frame Depth
- 50mm Sight Line generally
- Front Glazed
- Designed for single pane, non thermally broken Applications
- Available also for IGU thermal broken glazing
- AS2047-2014 / AS4420,1-2016 tested, NATA certified
- Compliant with relevant Australian Standards
- Accepts glass thicknesses to 10.76mm
- Variety of Standard Frame Designs or Custom made
- Dry Glazed with High Performance Santoprene gaskets
  - Anti stretch gaskets, captive wedge design
  - Wet glazed where structurally required
- Accepts the Proprietary Smartech Double Q-lon Seal System

Fabrication

- Easy Structural Rivet and Cornerstake joinery fabrication
- Easy Fit Slip together Dovetail connections
- Simple Assembly with range of Standard Designs

Product Applications

- Shopfronts, Servery Counters, Wintergardens, Balustraded Openings
- Generally can span up to 5500mm in width
- Suitable up to 2000mm opening heights : For heights greater than 2000 refer to Glazed Tilt Walls/Doors

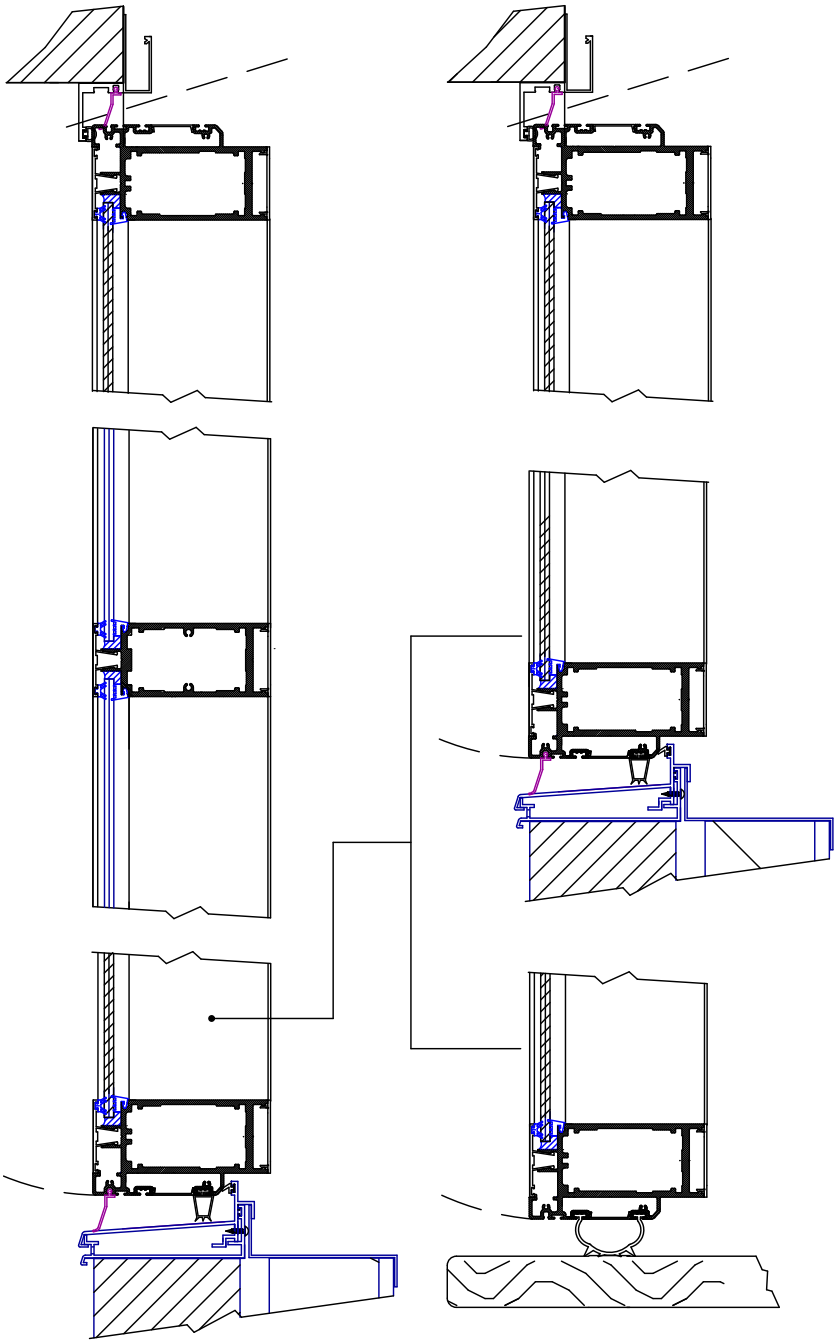
OPERATION : SR100 TILT WINDOW

- Counterweighted manual operation as standard or Motorised
- Guided, quiet and smooth operation with minimal maintenance
- Tilts out and upwards giving clear unimpeded counter space and view

Single Glazing

GLAZED WINDOWS/ DOORS TO AS2047: CONT.

SR100 TILT WINDOW: 100 Front Single Pane Glazed – 16mm Pocket



IGU LINTEL SEAL

- Seal AS2047 tested & NATA certified
- Fitted with Bulb & Sweep Seal
- Extrusion fits under lintel

DOUBLE SKIN BRICK OPENING

- Sill seal AS2047 tested and NATA certified
- Fitted with Triangle and Sweep Seals
- Sealing against a Threshold with Sub Sill

OPTION: SERVERY COUNTER

- Fitted with Bulb Seal
- Sealing directly on top of Counter (high degree of sealing but not NATA Certified)

Single Glazing Performance

GLAZED WINDOWS/ DOORS TO AS2047: CONT.

SR100 TILT WINDOW: 100 Front Single Pane Glazed – 16mm Pocket

Performances				
COMFORT: as per Test Report No 2019-124-SI-2047				
Acoustic performance	Typically: Rw (C,Ctr)=30 (-2:-6)dB /32 (-1:-4) dB, depending on glazing type			
Air Inflitration - AS2047-2014	LOW : Air leakage +0.9 L/s.msq at +150 Pa, -0.8 L/s.msq at -150 Pa			
Water Penetration - AS2047-2014	Water Penetration Resistant Pressure : 450 Pa			
Structural Deflection - AS2047-2014	Sash Head : Pass @ +/-1800 Pa Mullion : Pass @ +/-1800 Pa			
Resistance and Ultimate Strength - AS2047-2014	SLS : +1500 Pa and - 1800 Pa ULS : +4500 Pa and - 4500 Pa } N5 , C3 (Cyclonic)			
ENERGY: according to NFRC modelled simulations of the whole window				
Glass Type		U-Value	SHGC	VLT
6.38 Lam. Clear		6.63	0.65	0.68
6.38 Lam. White Translucent		6.63	0.57	0.51
6.38 Lam. Comfort Plus Clear		5.12	0.57	0.64
6.38 Lam.Comfort Plus Grey		5.13	0.43	0.30
6.38 Lam. Comfort Plus Neutral		5.15	0.44	0.46
6.0 EnvironTone		5.14	0.58	0.63
6.0 EnvironTone Grey		5.19	0.41	0.31
6.0 Sol Tech		5.16	0.45	0.49
6.0 Sol Tech Grey		5.18	0.32	0.23
8.38 Lam. Clear		6.58	0.65	0.68
10.38 Lam. Clear		6.53	0.62	0.66
10.0 EnvironTone		5.12	0.55	0.61
10.0 Sol Tech		5.13	0.43	0.47
• This listing shows the performance values of the window according to NFRC modelled simulations of the window using a variety of single pane glazing types. • VLT is the glass visible light transmission. • U Value: Insulation: The lower the number the better the performance • SHGC : Is the Solar gain coefficient. The lower the value the better the performance				
SAFETY				
Fire Resistance	BAL 40 (Compliance to AS3959) In order to achieve BAL 40 rating as per Clause 8.5.1 Deem to Satisfy: • Glazing must incorporate 6mm toughened glass instead of Float or Lam. • Glazing must be externally screened using a fine mesh metal screen • All Seals are flame retarded and glass panes are glazed using silicone			