

AA®3572 Lift/Slide Door

Introduction

The AA®3572 Lift/Slide Door is a solution for projects that demand the highest levels of thermal and weathering performance.

The AA®3572 thermally insulated system delivers optimum levels of quality and performance with the lift/slide technology providing effortless operation enabling maximum panel sizes up to 3m x 3m with maximum weights up to 400kg.

Robust profiles with high insulation values enable large areas of glass for freedom of design. The option of slim meeting stiles allow the system to remain unobtrusive. As a sliding system, it is an ideal space saving solution where safety is a consideration and projecting swing doors are undesirable.

The double EPDM gasket with continuous rebate provides exceptional weathering performance and high levels of sound reduction.

Product Features and Benefits

- Highly insulated profiles with U_f-values as low as 1.8 W/m²K for frame/vent combinations - uw-values as low as **0.8 W/m²K** at the maximum panel size (using 0.6 W/m²K triple glazing and Swisspacer V bar)
- Panel sizes up to 3m x 3m can achieve large, uninterrupted areas of glazing
- Panel weights up to 400kg - can easily accommodate triple and acoustic glazing up to 56mm
- 2 and 3 track options - arrangements with up to 6 panels

- In line sliding operation for safe operation with no interference with internal finishes
- Stainless steel rollers offer smooth and effortless operation
- Low profile thresholds giving continuity between internal and external spaces
- Suites with the AA®720 Window Series and AA®100/AA®110 Curtain Walling Systems with total design flexibility offering total project solutions

Construction

Two track and three track lifting/sliding system. The AA®3572 is a multi-chamber thermally efficient system depending on construction type with 1, 2 or 3 insulation zones and is manufactured from high quality aluminium 6063T6 alloys in accordance with BS EN 12020.

Thermal Performance*

The AA®3572 Lift/Slide Door achieves a Double Glazed U-value of 1.4 W/m²K and a Triple Glazed U-value of 0.83 W/m²K.

* U-values based on 2 pane assembly measuring 2180mm x 2350mm (BS EN: 10077) using 1.1 W/m²K double glazing or 0.6 W/m²K triple glazing with Swisspacer V bar.

Security**

The AA®3572 Lift/Slide Door has been independently tested to PAS 24:2016.

** Does not refer to standard hardware, security hardware required



Independently Weather Performance Tested to BS 6375-1: 2015

	Air Infiltration BS EN 12207: 2000	Watertightness BS EN 12208: 2000	Wind Resistance BS EN 12210: 2000
AA®3572 Lift/Slide Door	Class 4 (600 Pa)	Class 9A (600 Pa)	Class C3 (1200 Pa)

Details of the Kawneer product tests are available from the Technical Services Department at Runcorn.

One The Elephant, London, SE1
Architect: Squire & Partners
Photo: James Jones



AA®3572 Lift/Slide Door Applications

Typical Elevations

Full details can be downloaded from our website www.kawneer.co.uk

Elevation	Title		Website CAD ref. no.
	Scheme A 1 Sliding Panel inside 1 Fixed Panel outside 1 Fanlight (optional)	1	Sliding Vent - Head
		2	Sliding Vent - Cill
		3	Fixed Panel - Head
		4	Fixed Panel - Cill
		9	Sliding Vent - Lock Jamb
		10	Sliding Vent/Fixed Panel Interlock
		11	Fixed Panel Jamb
		23	Fanlight Frame
	Scheme A 1 Sliding Panel inside (with optional muntin) 1 Fixed Vent outside (with optional sash transom) 1 Fanlight (optional)	5	Sliding Vent - Head
		6	Fixed Panel - Head
		7	Sliding Vent - Cill
		8	Fixed Panel - Cill
		9	Sliding Vent - Lock Jamb
		10	Sliding Vent/Fixed Panel Interlock
		11	Fixed Panel Jamb
		23	Fanlight Frame
	Scheme A 1 Sliding Panel inside 1 Fixed Vent outside 1 Fanlight (optional)	5	Sliding Vent - Head
		6	Fixed Panel - Head
		7	Sliding Vent - Cill
		8	Fixed Panel - Cill
		9	Sliding Vent - Lock Jamb
		10	Sliding Vent/Fixed Panel Interlock
		11	Fixed Panel Jamb
		23	Fanlight Frame
	Scheme D 1 Sliding Panel inside 1 Sliding Panel outside 1 Fanlight (optional)	5	Sliding Vent - Head
		6	Fixed Panel - Head
		7	Sliding Vent - Cill
		8	Fixed Panel - Cill
		9	Sliding Vent - Lock Jamb
		10	Sliding Vent/Fixed Panel Interlock
		11	Fixed Panel Jamb
		23	Fanlight Frame
	Scheme G 1 Fixed Vent inside 1 Sliding Panel inside 1 Fixed Vent outside 1 Fanlight (optional)	5	Sliding Vent - Head
		6	Fixed Panel - Head
		7	Sliding Vent - Cill
		8	Fixed Panel - Cill
		9	Sliding Vent - Lock Jamb
		10	Sliding Vent/Fixed Panel Interlock
		11	Fixed Panel Jamb
		23	Fanlight Frame
	Scheme H 1 Sliding Panel inside 1 Fixed Vent outside 1 Sliding Panel inside 1 Fanlight (optional)	2	Sliding Vent - Cill
		5	Sliding Vent - Head
		6	Fixed Panel - Head
		7	Sliding Vent - Cill
		8	Fixed Panel - Cill
		9	Sliding Vent - Lock Jamb
		10	Sliding Vent/Fixed Panel Interlock
		23	Fanlight Frame

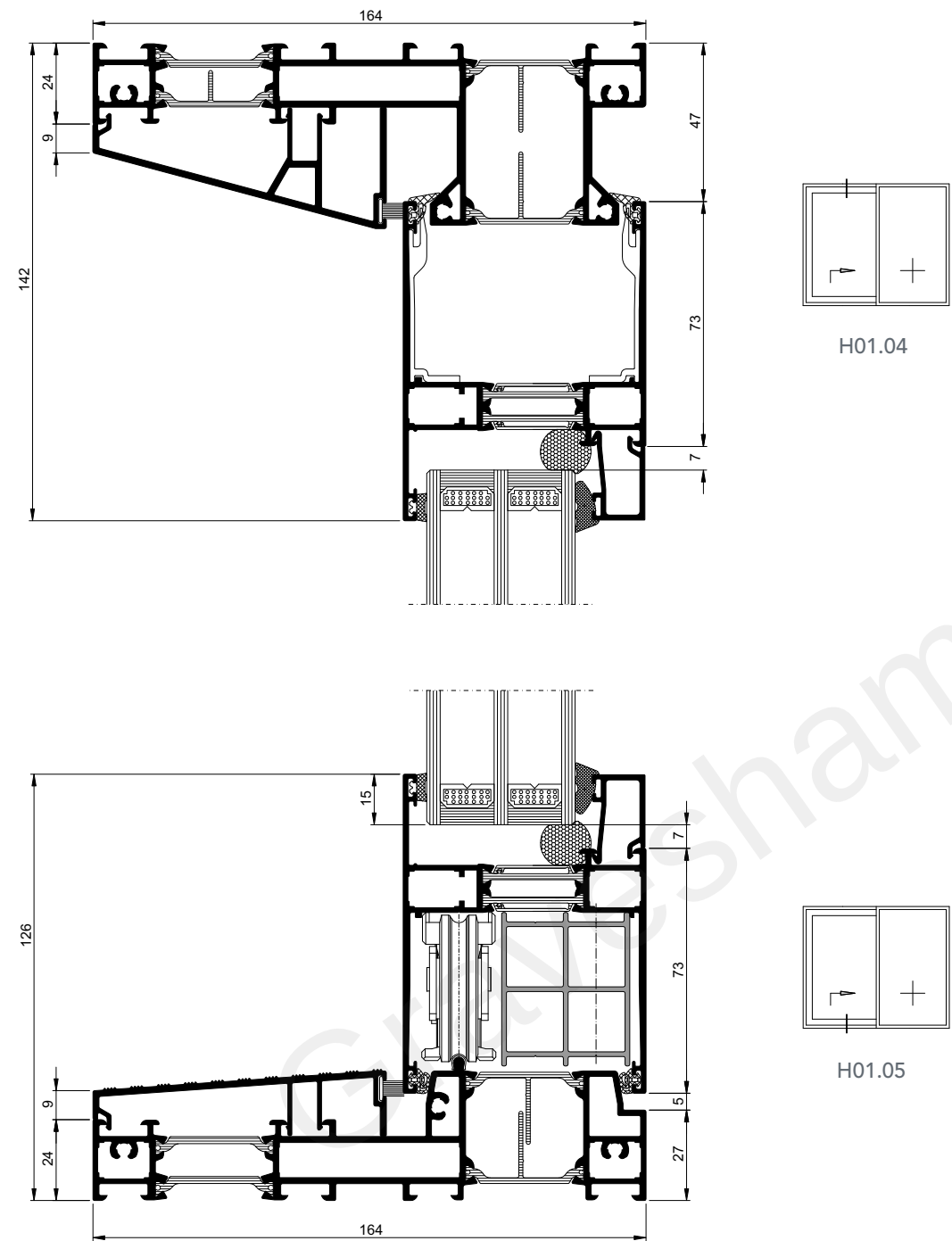
Elevation	Title		Website CAD ref. no.
	Scheme C 1 Fixed Vent outside 2 Sliding Panels inside 1 Fixed Vent outside 1 Fanlight (optional)	2	Sliding Vent - Cill
		5	Sliding Vent - Head
		6	Fixed Panel - Head
		7	Sliding Vent - Cill
		8	Fixed Panel - Cill
		10	Sliding Vent/Fixed Panel Interlock
		11	Fixed Panel Jamb
		23	Fanlight Frame
	Scheme F 1 Sliding Panel outside 2 Sliding Panels inside 1 Sliding Panel outside 1 Fanlight (optional)	5	Sliding Vent - Head
		6	Fixed Panel - Head
		7	Sliding Vent - Cill
		8	Fixed Panel - Cill
		10	Sliding Vent/Fixed Panel Interlock
		11	Fixed Panel Jamb
		12	Meeting Stile
		23	Fanlight Frame
	Scheme E 1 Sliding Panel inside 1 Sliding Panel centre 1 Fixed Vent outside 1 Fanlight (optional)	10	Sliding Vent/Fixed Panel Interlock
		13	Sliding Vent inside - Head
		14	Sliding Vent inside - Cill
		15	Sliding Vent centre - Head
		16	Sliding Vent centre - Cill
		17	Fixed Panel outside - Head
		18	Fixed Panel outside - Cill
		19	Sliding Vent inside - Jamb
		20	Sliding Vent/Fixed Panel Interlock
		21	Fixed Panel outside - Jamb
		23	Fanlight Frame
		10	Sliding Vent/Fixed Panel Interlock
		13	Sliding Vent inside - Head
		14	Sliding Vent inside - Cill
		15	Sliding Vent centre - Head
		16	Sliding Vent centre - Cill
		17	Fixed Panel outside - Head
		18	Fixed Panel outside - Cill
		20	Sliding Vent/Fixed Panel Interlock
		21	Fixed Panel outside - Jamb
		22	Meeting Stile
		23	Fanlight Frame



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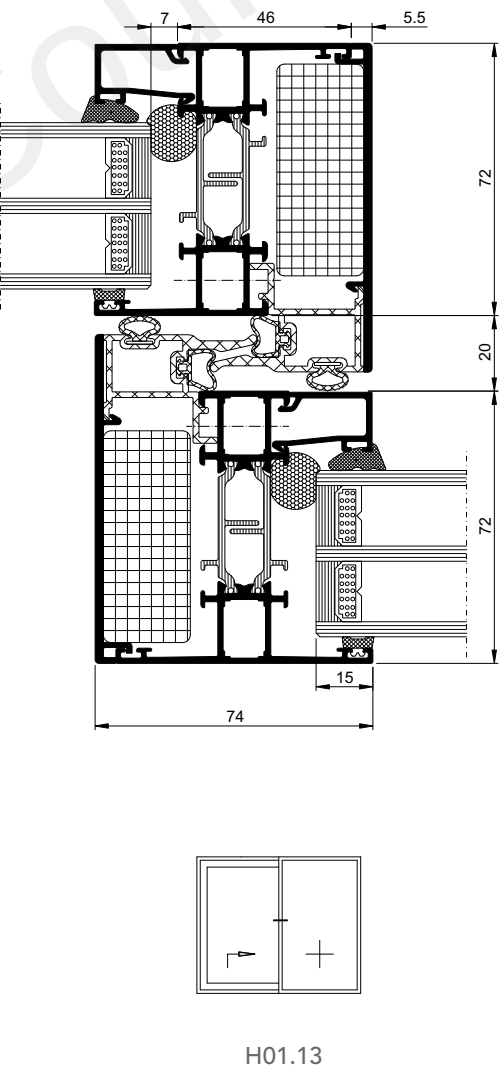
Head and Cill Detail – Scheme A



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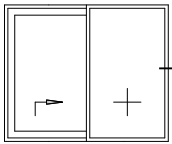
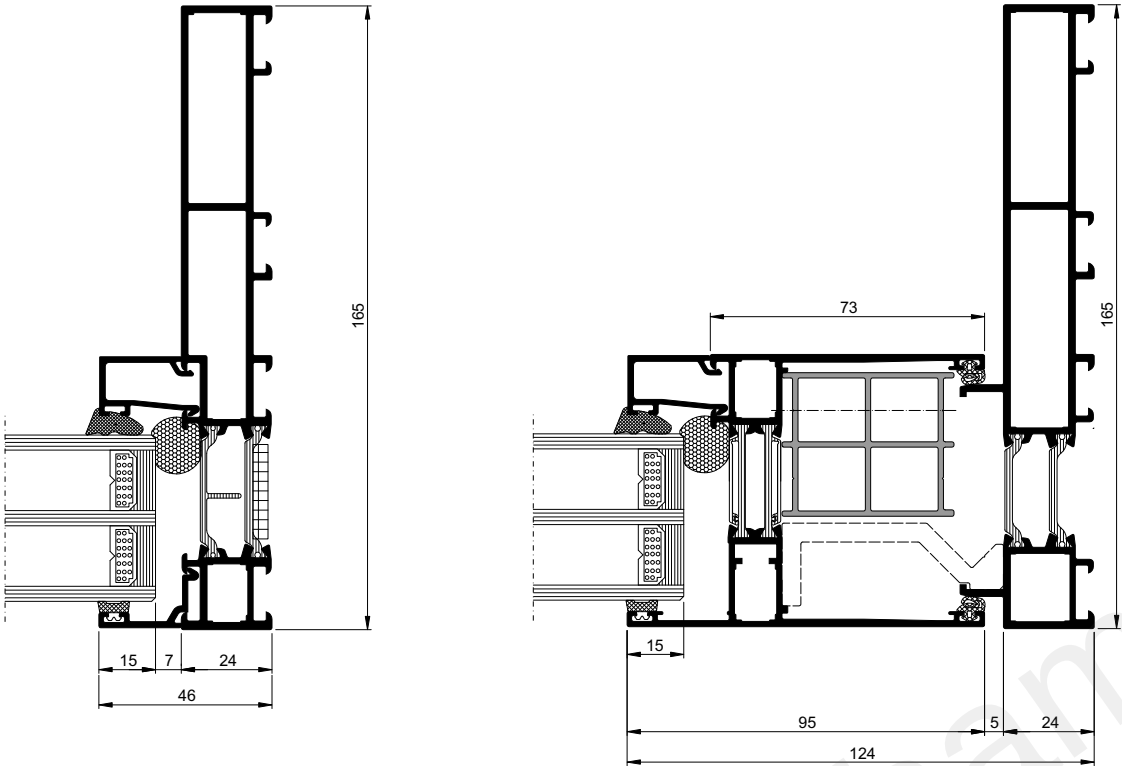
Interlock Detail



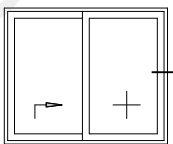
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Fixed Panel Options



H01.14



H01.14



Cheltenham Racecourse
Architect: Roberts Limbrick



The Crescent at Donaldson's, Edinburgh
Architect: Richard Murphy Architects
Photo: Photography by ZAC and ZAC

