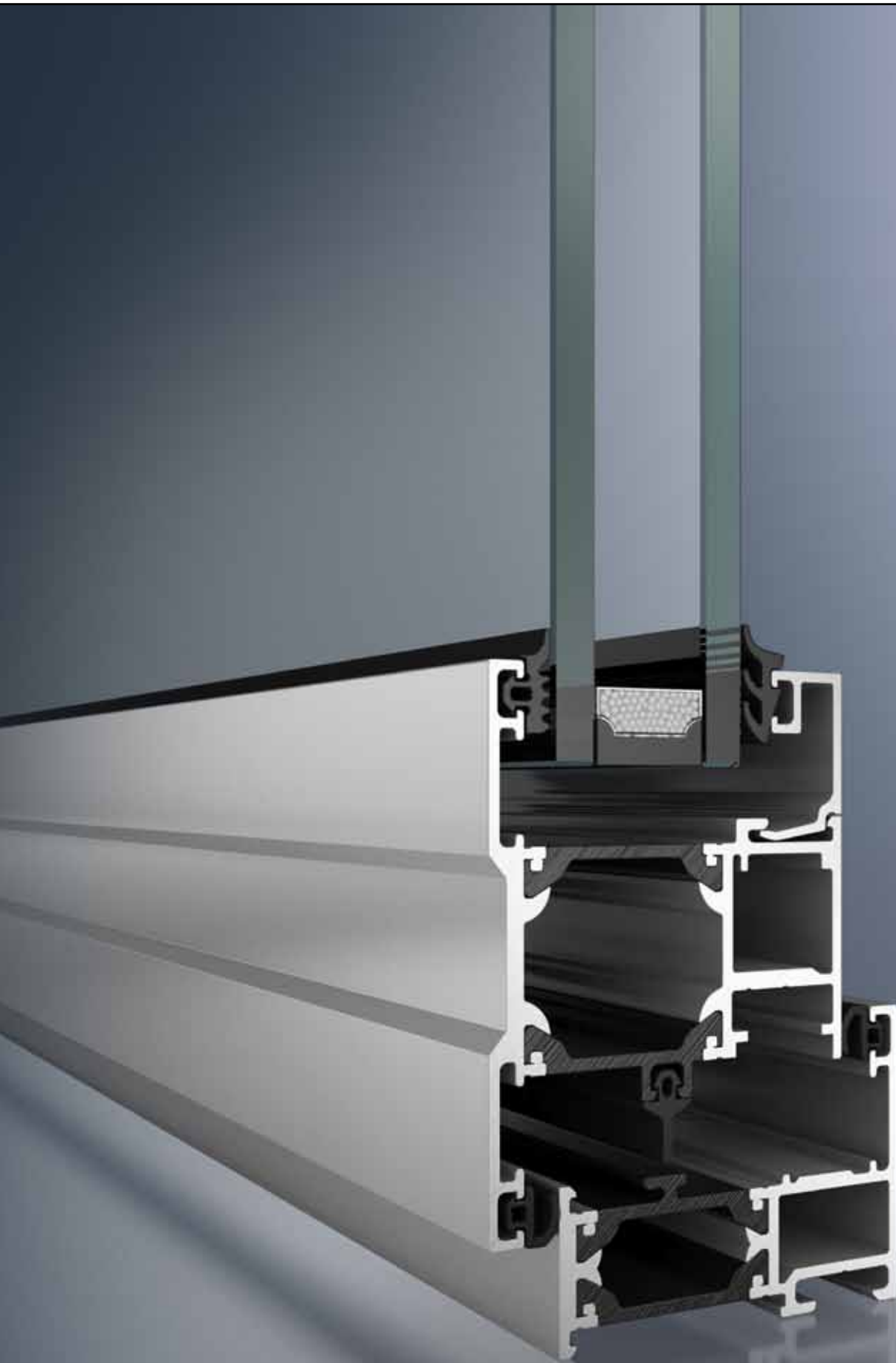


Schueco AWS 55 CL Outward Opening Window



Green Technology for the Blue Planet
Clean Energy from Solar and Windows

SCHÜCO

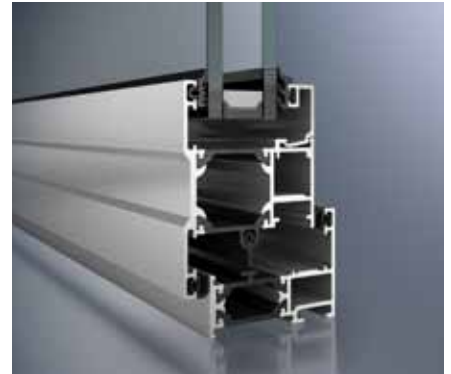


Schueco AWS 55 CL Outward Opening Window

The Schueco AWS 55 CL aluminium casement window system is designed to meet the environmental and cost demands of today's sustainable buildings. Suitable for light commercial, education, healthcare and residential applications, it provides an ideal solution especially when budgets are an important consideration.

Features and benefits:

- Higher thermal insulation achieved with unique convection barrier
- Suitable for BREEAM projects
- Meets the requirements of Document L 2010 for new-build and replacement use
- Slim sightlines allow more daylight into a building
- Comprehensive range of thermally insulated profiles for greater design freedom
- Square or chamfered glazing beads with security option when used externally
- Choice of basic hardware or twin-cam security locking
- Tested to BS 7950 with Secured by Design accreditation
- Options include folding openers and 100 mm safety limit stay
- Can be installed into standard openings or integrated into Schueco façades
- Single or dual colour frames
- Schueco crimped cleat and adhesive bonding corner joint technology
- Available with egress/easy-clean side-hung friction hinges



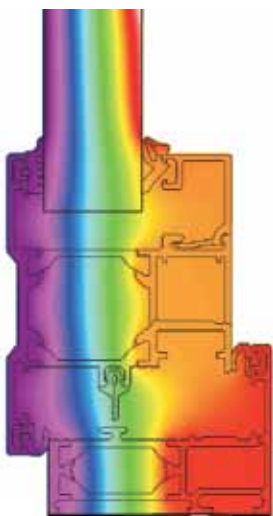
Convection barrier for improved insulation



Twin-cam multi-point security locking

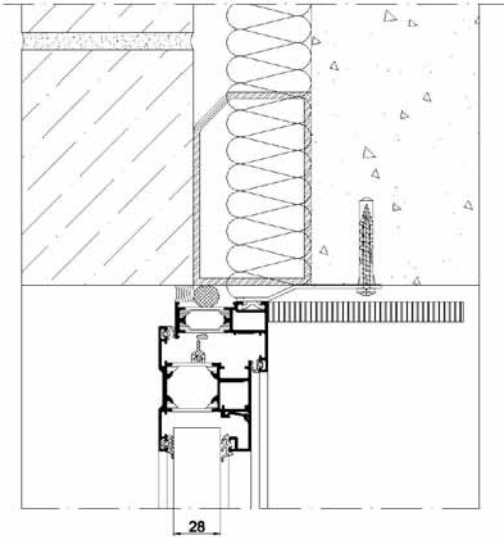


100 mm auto-locking limit stay

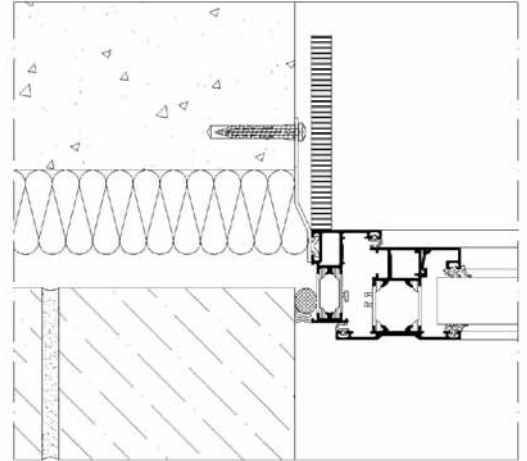


Schueco AWS 55 CL
Designed for optimal thermal insulation

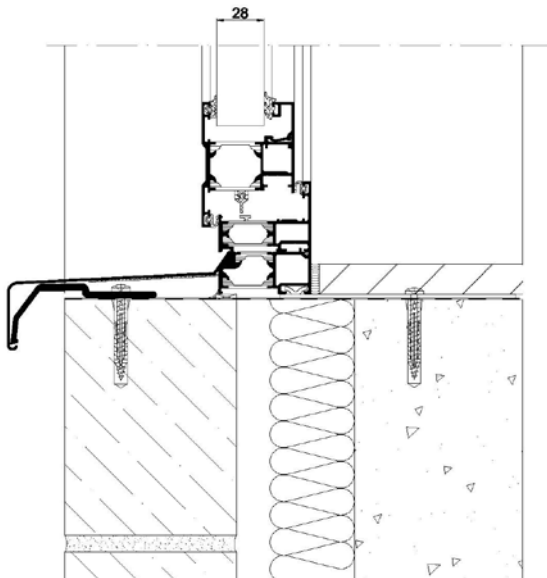
Designed for economic thermal performance



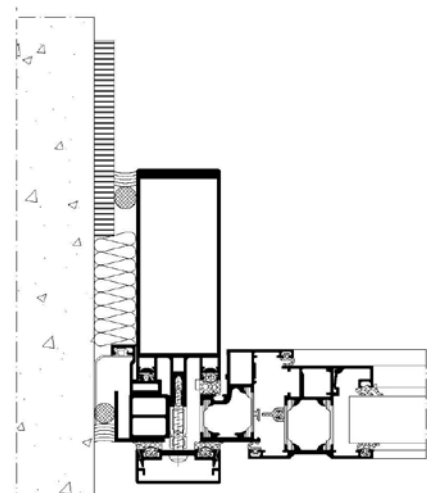
Typical head detail
Scale: 1:3



Typical side detail
Scale: 1:3



Façade with insert window
Scale: 1:3



Typical sill detail
Scale: 1:3

	AWS 55 CL (Basic locking)	AWS 55 CL (Multi-point locking)
Energy		
Face width (mm)	81	89
Thermally insulated	■	■
Window U value with double glazed units - W/m ² K*	1.6	1.6
Design		
Basic depth		
55 mm	■	■
Square glazing beads	■	■
Chamfered glazing beads	■	■
Internal glazing beads	■	■
External glazing beads with security option	■	■
Variable angle and 90° corners	■	■
Structural mullions and transoms	■	■
Dual colour option	■	■
Fittings		
Stainless steel friction hinges	■	■
Egress/easyclean friction hinges	■	■
Cockspur handle locking	■	■
Twin-cam security locking	■	■
Folding openers	■	■
100 mm opening limit stay with auto locking	■	■
Areas of use		
Standard openings	■	■
Storey height openings	■	■
Insert unit in façade	■	■
BREEAM projects	■	■
Green Guide commercial window generic rating "A" (element 831500023)	■	■
Green Guide domestic window generic rating "B" (element 813100001)	■	■
Compatible door system	■	■
Opening types		
Projected top hung	■	■
Projected side hung	■	■
Projected side hung egress/easyclean	■	■
Maximum sizes (mm)		
Projected top hung	1200 x 1200	1200 x 1200
Projected side hung	800 x 1450	800 x 1450
Maximum weight (kg)		
Projected top hung	50	50
Projected side hung	35	35
Projected side hung egress/easyclean	35	35
Security		
Burglary resistance - BS7950	■	■
Secured by Design accredited	■	■

* Based on standard window from BS EN1435-1 as specified in Document L 2010 with selected profiles and glazing units. Calculations according to BS EN 10077 1 and 2 with Ψ of 0.04



Square internal glazing bead



Chamfered internal glazing bead



Chamfered external glazing bead

Over page:
Schueco AWS 55 CL outward opening window

Schueco UK Ltd
www.schueco.co.uk

Schueco – Green Technology for the Blue Planet.

That means clean energy from solar products and windows.

To be precise: the contribution which Schueco as leading provider of innovative building envelopes makes to the environment.

With Energy³: saving energy – generating energy – networking energy. Perfectly co-ordinated window, door and façade systems save energy by providing optimum levels of thermal insulation. Versatile solar solutions for solar power and solar heating generate energy. A combination that generates an excess of energy that can be used by means of intelligent networking. For building functions, as well as for applications such as IT or electromobility. The result is a significant step towards energy self-sufficiency. Towards the sustainable conservation of natural resources. And for a secure future.