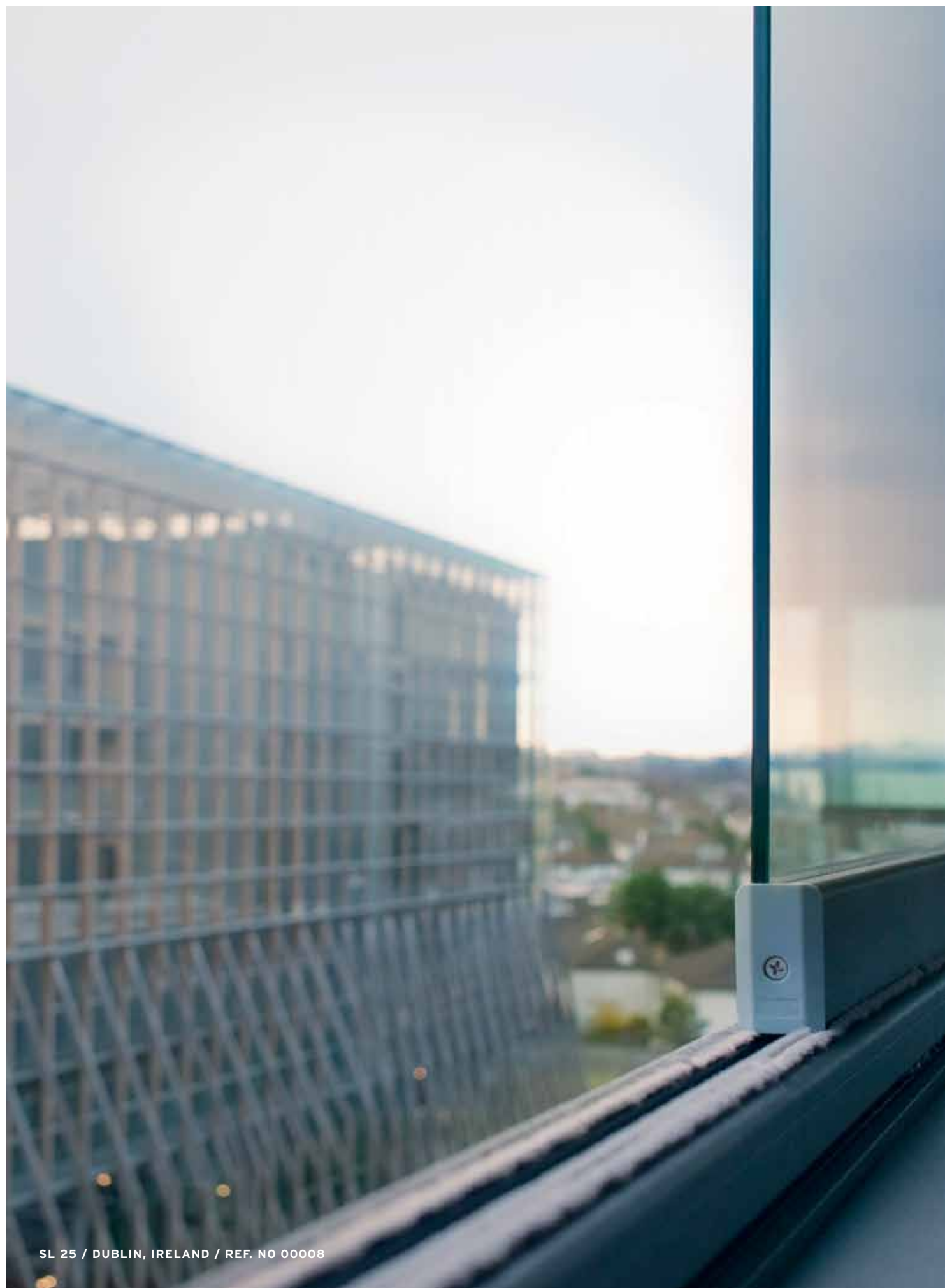




URBAN

GLASS BALCONY AND FACADE SOLUTIONS



SL 25 / DUBLIN, IRELAND / REF. NO 00008



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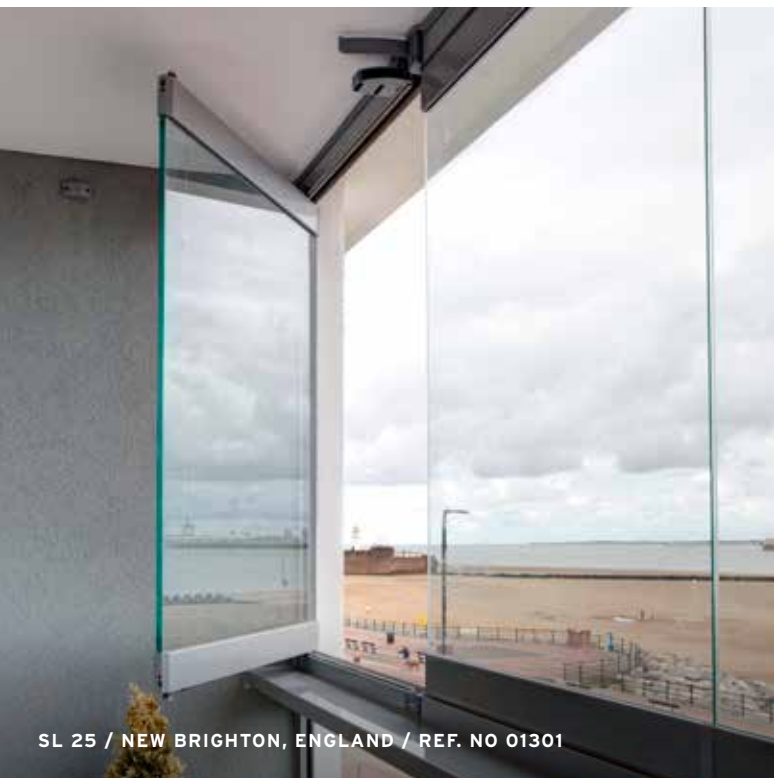
PROTECTED BALCONIES

Worthwhile investment for greater attractiveness

An open view to the outdoors, light-flooded living rooms and a virtually year-round usable space: glazed balconies are high on the wish list for tenants and buyers alike. Optimal sound insulation, perfect weather protection and maximum flexibility of balcony usage not only increase the attractiveness of the property, but also pay off in a very concrete economic sense.







WIND- & WEATHER PROTECTION

The use of Solarlux systems not only extends the living space, but also creates real site advantages. The flexible glazing solutions ensure perfect wind and weather protection as well as longer use of the balcony. Rain rolls off, wind remains outside and on sunny days, the glass elements can be opened completely.



OPENING OPTIONS

Opening inwards or outwards, folding to the left and/or right, push to fold or to the side - Solarlux systems offer a wide range of opening options. The individual elements can be opened in just a few easy steps across the entire width. Thanks to its sophisticated engineering including the low-maintenance, stainless-steel carriage, even large glass elements can be operated very easily and quietly. In addition, you can easily clean both the inside and outside.



SOUND INSULATION AND VENTILATION

Apartments in city outskirts are more popular than ever, but the noise levels often present a significant challenge. Solarlux balcony glazing ensures optimal sound insulation up to R_w 45 dB – living spaces on busy roads is thus much more attractive. Mechanical vents afforded by trickle vents or tilting windows integrated in the glazing is also possible with Solarlux systems.

**WOULD YOU LIKE MORE INFORMATION
ABOUT SOUND INSULATION? ORDER
OUR FLYER!**



THERMAL INSULATION AND ENERGY SAVINGS

The use of balcony and facade glazing is sensible from an ecological point of view. Solarlux systems such as bi-folding doors - in combination with the curtain walling facade module as a parapet element - offer optimum thermal insulation: from the fulfilment of the latest regulations from the German Energy Savings Ordinance (EnEV) up to passive house standards, Solarlux offers the right systems.





USER-FRIENDLINESS

All Solarlux systems feature a high level of user-friendliness. On the one hand, the systems are put through their paces in endurance tests during in-house research and development, and on the other hand, they provide technical details that facilitate operation for the user. For example, the bi-folding doors can be equipped with a cleaning pin with "Easy Clean Technology". This fitting allows easy cleaning of the outside of the panel, even on top floors – incorrect operation is absolutely impossible.



SL 60E MODULAR / PFORZHEIM, GERMANY / REF. NO 00119

Thermally insulated
**BALCONY AND
FACADE SYSTEMS**

A BALCONY AS A BRIGHT LIVING SPACE

Open up rooms – expand rentable space

Bi-folding doors are ideal for extending the rentable area or to use the living space as a pergola with balcony aesthetic.

The thermally insulated profiles with innovative glazing create a continuous facade, behind which the balcony becomes a living space.

The trick in all application areas is that the bi-folding door can be opened completely over the entire width and concertina to one side.

AT A GLANCE

- Creation of additional, fully rentable living space
- With a fully opening system the balcony aesthetic stays in the room
- Sound insulation up to 45 dB when installed
- Quick assembly via factory prefabrication and easy adjustability even with dimensional tolerances
- Option of curtain walling facade, prevents damage to the balcony slab









SL MODULAR

Facade, thermally insulated

The SL Modular system is designed as a curtain walling facade with integrated drainage and combines the fixed balustrade element with a flexible and individually selectable bi-folding door system into a single unit. Use of the SL Modular system has many advantages. Due to the high degree of pre-fabrication as a complete unit, only a relatively short assembly time is required. The combination with a fully opening bi-folding door allows the newly created living space to keep its balcony aesthetic.

**SL MODULAR COMBINES A FIXED
PARAPET ELEMENT WITH A
FLEXIBLE BI-FOLDING DOOR**



Non-insulated
**BALCONY AND
FACADE SYSTEMS**

A PROTECTED PLACE TO RELAX

Wind, weather and sound insulation: Glazing allows continuous use of the balcony

Various all-glass systems offer wind, weather and sound insulation and can be fully opened, depending on the variant. Mounted on existing parapets, as a transparent all-glass balustrade or as storey-high elements – the balcony aesthetic is retained thanks to the option of full-surface opening.

The system's great user-friendliness is also evident during cleaning, even the outer panes can be cleaned from the inside without any problems. With its curtain wall design, the non-insulated version of the SL Modular not only improves the energy balance, but also permanently protects the building fabric from the effects of the elements.

AT A GLANCE

- Optimal protection from wind and weather
- Various possibilities through numerous system variants
- Various glazing (TSG, TSG-H, LSG)
- Sound insulation up to 27 dB when installed
- Fast installation and easy adjustability even once installed
- The curtain wall facade module can be used as a heat barrier and protects the building fabric







ACCESS BALCONY GLAZING / HAMBURG, GERMANY / REF. NO 00697

Protected ACCESS
BALCONY WITH
AUTOMATIC
VENTILATION

GUARANTEED SMOKE-FREE
ESCAPE ROUTES

GLAZING SOLUTIONS FOR THE ACCESS BALCONY

Security for the property and its inhabitants

Glazing permanently protects the access balcony from weathering, reducing the risk of accidents in the rain, snow and ice and providing sound insulation. SL access balcony glazing is guided in a multi-track rail and is ideally suited to the requirements of multi-storey residential construction. The optionally applicable automatic ventilation in the event of smoke development ensures that the glass panels are automatically opened via mechanical drive technology and the escape routes remain smoke-free in case of a fire.



ACCESS BALCONY GLAZING / HAMBURG, GERMANY / REF. NO 01593



ACCESS BALCONY GLAZING / HAMBURG, GERMANY / REF. NO 01593



Photo: Roland Halbe Architektur fotografie

CERO II / GLATTEN, GERMANY / REF. NO 01277

FOR SPACES
WITH
IMPRESSIVE
transparency

CERO BY SOLARLUX



CERO II / GLATTEN, GERMANY / REF. NO 01277

Photo: Roland Halbe Architektur fotografie

**CERO CAN BE EASILY
INTEGRATED IN EXISTING
ALARM SYSTEMS**



CERO BY SOLARLUX

*Maximum comfort and maximum
safety with 98 % glass content*

Extremely large glass surfaces of up to 15 m² per panel put quality and safety aspects at centre stage. Cero has been tested and certified according to the highest safety standards, and can be equipped with anti-burglary protection class RC2 and RC3 as an optional extra.

Cero can be connected to alarm systems, lock monitoring systems, signalling systems such as glass-breakage sensors and position monitoring. For maximum comfort, a complete automatic operation of the sliding elements including electromechanical locking and unlocking is possible, and several panels can be moved interdependently via a control unit.

**WOULD YOU LIKE TO RECEIVE
THE COMPLETE FULL VERSION
FREE BY POST OR EMAIL?**

**CLICK HERE
TO ORDER**

