

# CI SYSTEM GLASS ARCHITECTURE PR60

## LAMILUX ADDED VALUE AT A GLANCE



### Customized intelligence – Serving customers is our first priority.

This requires outstanding performance and leadership in all areas relevant to customers, particularly in the role of:

- Leader in quality – for the highest customer benefit
- Leader in innovation – for always being ahead in technology
- Leader in service – for fast, straightforward, reliable and friendly communication
- Leader in expertise – for the best technical and commercial advice on the market
- Leader in problem solving – for custom made solutions



### QUALITY

- **EU Declaration of Conformity** as per EN 13830
- **Water-tightness:** Class RE 1950
- **Air-tightness:** Class AE 3000
- **Resistance to wind load:** 2000 Pa/3000 Pa (storm safety)
- **Soundproofing:** e.g. 46 dB (as per EN 10140-2)
- **Thermal protection:**  $U_g$  values, e.g.  $0.5 \text{ W}/(\text{m}^2\text{K})$  as per EN 673

- **$U_f$  values** e.g.  $0.79 \text{ W}/(\text{m}^2\text{K})$
- **Prevention of condensation and mould growth**
- **Certification of factory production control** as per DIN EN 1090-3
- **Quality management system** ISO 9001: 2008
- **Climate protection and recycling certificates**  
Responsible approach also to packaging disposal



### INNOVATION

- **Optional Passive House certification:**  
First sloped glazing certified to the Passive House Standard in the top Passive House Efficiency Class (phA advanced component) by the Passive House Institute in Darmstadt
- **First company in the daylight elements sector with universal life cycle assessment:**  
**EPD: Environmental Product Declaration** as per DIN ISO 14025 and EN 15804 (A1-D)



### SERVICE

- **Renovation: Analysis of the current situation**
- **Structural-physical dimensioning and structural calculations**
- **Optimal assistance in drafting bids**
- **SHEV dimensioning**
- **Light system dimensioning**

- **Meeting your wishes wherever you need**  
Friendly, expert consultation
- **Installation process planning**
- **Short delivery times on schedule**
- **Professional maintenance, service and repair**



### EXPERTISE

- **Everything from a single source**
  - Tailor-made all-inclusive solutions for daylight systems, SHEVS, photovoltaics, ventilation and control technology
  - One-time full service providing planning, construction and installation
- **Expertise**
  - Specialists in overhead glazing
  - Optimally trained, experienced employees, trained fitters and subcontractors
- **Daylight & photovoltaics**, elegantly provided in north light sheds

- **Optimised seal and drainage system**
  - Efficient ventilation
  - Multi-layer seal system
  - Minimised risk of condensation
- **LAMILUX CI System Smoke Lift M** – greater safety with preventive fire protection
  - Air-tightness: Class 4, EN 12207
  - Watertightness against driving rain: Class E 1950, EN 12208
  - Storm safety: 3000 Pa, Class EN 12210



### SOLUTION

- **SHEV systems** tested and classified, EN 12101-2 (CI System Smoke Lift M)
- **Ventilation**
- **Anchor point for fall protection system**
- **Large choice of glazing variants:**
  - Insulation glazing,  $U$  value up to  $0.5 \text{ W}/(\text{m}^2\text{K})$
  - Light-guiding, light-diffusing glazing
  - Solar protection glass
  - Soundproof glass
- **Fire Protection F30 / G30** as special design