

# Reference

LAMILUX CI System Glass Architecture PR60



Schlossarkaden, Braunschweig, Germany

## Essential Info

Place / Country:	Braunschweig, Germany
Building type:	Shopping mall
Solutions:	Glass structure SHEV flaps Pneumatic cylinders (tandem and individual) Building automation/CI Control Technology Temperature, wind and rain sensors Glass Skylight FE Rooflight Upstands with fans

Natural smoke exhaust design concept for the shopping mall and staircase areas. Day-to-day ventilation provided via SHEV flaps while taking into consideration strict requirements regarding wear and noise.

- Glass roofs with special pneumatic cylinders for wear-free, almost silent operation, cylinders in same colour as glass structure
- Cylinders activated via screw compressors, including compressed air tank, compressed air dryer, oil and water separator and microfilter
- Group switch cabinets activated centrally via fire alarm system
- Each sub-control panel connected to the internal bus system using an Ethernet cable
- Smoke exhaust system to ensure instant detection and release in the event of an emergency

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