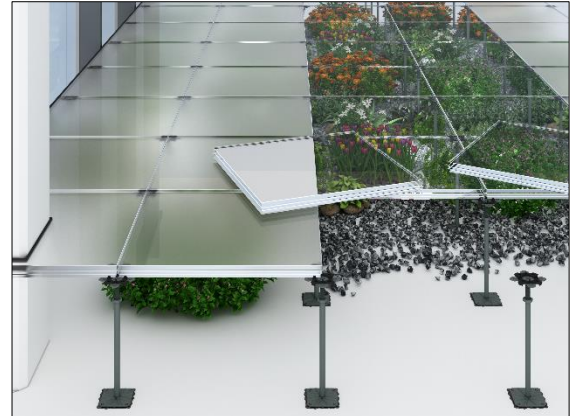# LUMEN
Raised floor from transparent glass panels

The raised access floor system LUMEN grants unusual inside views and a striking lighting. The LUMEN glass floors consist of pre-stressed float glasses, optionally with slip-resistant screen print and different grades of transmission of the panes. The substructure consists of height-adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations and gaskets for sound decoupling.

- solid glass panel

- three-ply safety glass

- no reinforcement profiles necessary

- different surface designs possible

- light-effects possible

Samples for building portfolio

Assembly Rooms, Broadcasting Rooms, Television Studios, Common Rooms, Offices, Stage and Studio Rooms, Data Centres, Facilities for Meetings, Conventions and Conferences, Utility Rooms, Sales Areas, Museums, Shopping Centres, Banks, Cinemas and Theatres, Concert Halls, Entrance Areas, Escape Routes, Court Houses, Government Buildings, Library Rooms, Research Rooms, School, School of Higher Education, Hotels and Resorts, Restaurants and Canteens, Laboratories, Laboratories and Research Facilities

Technical data

Weight		89 kg/m²
Panel thickness		38 mm
Standard pedestal height		20 – 2,000 mm
Pedestal grid		600 mm x 600 mm
Measurement deviation	EN 12825	class 1

Statics

Load and deflection class	DIN EN 12825	5A
Point load (breaking load)	DIN EN 12825	5 kN (10 kN)
Seismic safety		earthquake-proof construction possible

bo_db_lumen--en | 22.1

Fire protection

Reaction to fire performance of the carrier panel

Reaction to fire performance	DIN EN 13501-1	A1
Reaction to fire performance	DIN EN 4102-1	A1
Designation by the building authorities	DIN EN 13501-1	non-combustible
Designation by the building authorities	DIN EN 4102-1	non-combustible

Floor coverings

Suitability of covering	different print designs and inlay foils possible, with slip-resistant screen print (R9 – R12) on request, options in float glass, white glass or frosted glass