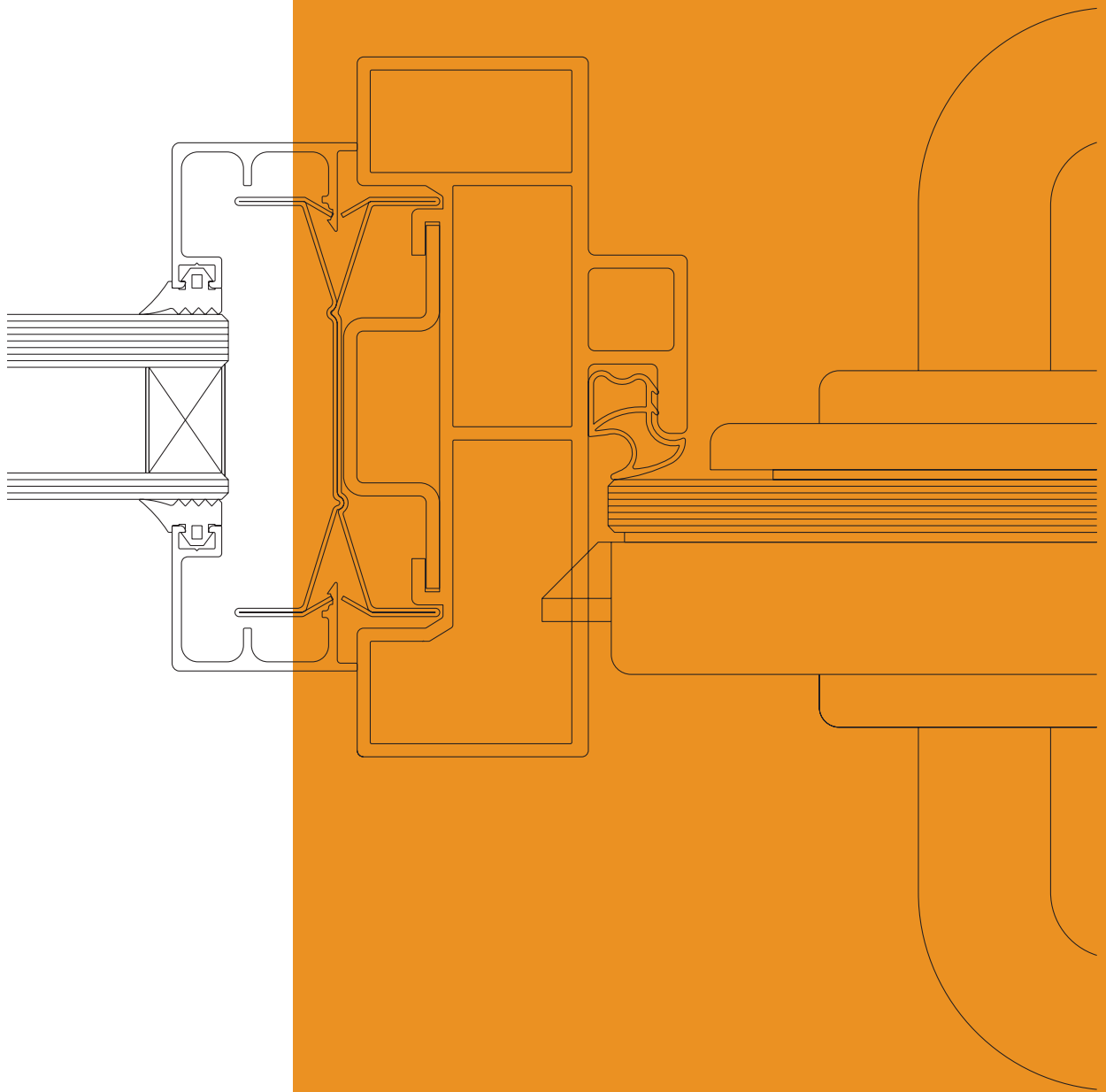
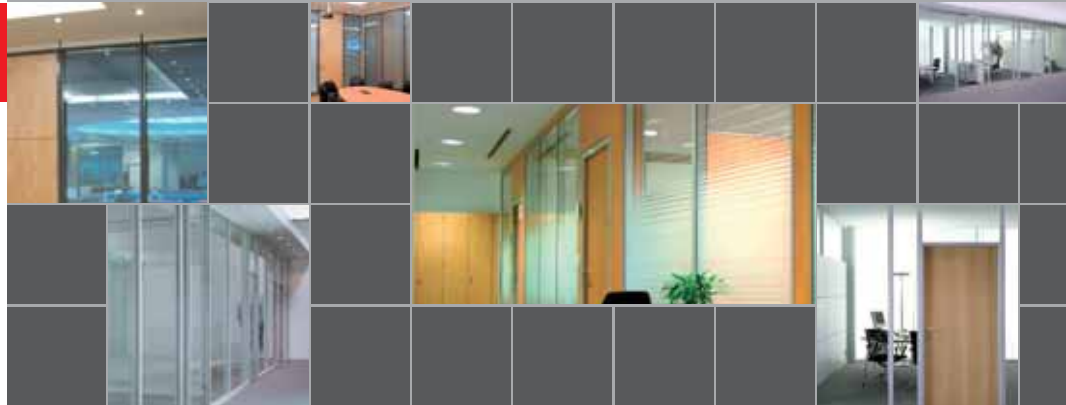


Exclusive room ideas

The system-wall professionals





First-class atmosphere in a business room



Exclusiveness and performance are reflected in the whole image of your company – this is how your idea of a totally professional company appearance should look. If your qualitative standards are high, then the Lehnert **105 wall** is the consistent choice for your room design. With its solid construction and precious surfaces, it represents the perfect mix of functionality and good looks. Customers, business partners and employees – whoever walks through an office designed with the Lehnert **105 wall** will sense your personal standards.

Precious wood surfaces, attractive glass elements or any other decorative material – with the Lehnert **105 wall**'s variety of designs, you can redefine your room design and consistently realise your corporate identity concept. An office architecture with this system-wall ensures coordinated work processes and structured communication channels almost as an afterthought. With integrated shelving, cupboards and work surfaces, it even transforms itself into a "combi-office".

Lehnert's "best piece"

Lehnert wall 105



Beauty with sophisticated technology



The Lehnert **105 wall** is not just beautiful to look at. Naturally it conforms to all noise and fire protection regulations. Additionally the special construction can compensate for building movements and unevenness. Wall fixings are discreetly hidden in shadow gaps and not under covering strips. Additionally the post and retainer system of the glass elements can be combined with the full wall.



Lehnert's "best piece"

Lehnert wall 105





A safe, clean solution

Analysis of requirements and individual planning of your desired room are naturally just as much a part of our service as guaranteed dates, costs and constructional safety. Your regular office routine need not be interrupted for the professional and clean assembly of your walls. Electrical and computer cables and water pipes are, of course, laid out of sight in the walls.

Being system-wall professionals means for us:

- Planning and manufacturing with CAD
- In-house production of glass elements for all systems
- Colour-coating of aluminium, steel and plastic parts
- Manufacture of special structures in our steel construction department

One-source planning and delivery ensures that our customers' projects flow smoothly, from drafting the proposal to installation.



Lehnert's "best piece"

Lehnert wall 105





Technical data

	Standard	105 PuR
Dimensions	Wall length dependant on object Wall height max. 5,000 mm Wall thickness, 105 mm 50 mm as wall panelling 125 mm as soundproofed version	Wall length dependant on object Size of elements up to max. 5 m2 glass area The post and retainer system can be combined with the full wall.
Grid	Axis and band grid 400/600/800/1000/1200 Intermediate sizes and adjusting elements are possible	Object-dependant
Weight	34–55 kg/m ²	34–55 kg/m ²
Sub-frame	Surround rolled steel profile, RAL7016 optionally in RAL colours Dividing wall support in galvanised steel Optionally with integrated hook-in system	Surround rolled steel profile RAL7016 anthracite grey Dividing wall support in galvanised steel Optionally with integrated hook-in system
Insulating material	Mineral wool blocks 40–60 mm Gypsum board panels	
Constructional joints	Bottom section approx. 80 mm high, trailing Wall fixing approx. 20 mm wide, trailing Ceiling fixing approx. 20 mm high, trailing	Telescopic construction, each trailing, height and width object-dependant
Unevenness compensation	+/- 15 mm in height and width	+/- 15 mm in height and width
Installations	Electrical installation in all directions Sanitary installations up to a max. of 60 mm in vertical direction	
Wall panel	Wooden material 2 x 19 mm Plasterboard Steel panels	
Surfaces	Melamine-laminated according to colour chart DD enamel Genuine wood veneer Glass fibre fabric	
Fire protection	Full wall up to F90 Glass wall up to F30/G30 Doors up to T30-RS	G30/F30 glazing with construction supervision permit
Sound insulation	Full wall RwP = 47–55 dB Glass wall RwP = 46 dB	Full glazing RwP = 32–43 dB Skylight glazing RwP = 37–45 dB
Glazing	Powder-coated, aluminium profile double glazing, flush to the wall Optionally with sound-deadening chamber Glass types from 5 to 8 mm thick possible G30 glazing with wired glass or wire-free fire protection glass single or insulating glazing centrally on the axis also as G30 glazing with wired glass or wire-free fire protection glass, F30- glazing with Pyrostop glass Blinds can be integrated between the glass panes, with manual or electrical operation	Aluminium profile as post and bar construction Profile front width 50 mm Powder-coated or anodised surfaces Glass types: 8 mm or 28 mm thick, as float glass, single-pane safety glass, laminated security glass, insulating glass or wire-free fire protection glass Glazing is carried out on-site
Door frame	Steel or aluminium frame with 3-dimensional, adjustable hinge pockets Double-rebate frame Glass door frame	Steel or aluminium frame with 3-dimensional, adjustable hinge pockets Double-rebate frame Glass door frame
Door leaf	Noise-damping door leaf 40 mm Double-rebate door leaf 60 mm Fire protection door leaf to T30-RS Surfaces HPL or genuine wood veneer Full glass door leaf, ESG 8 mm	Noise-damping door leaf 40 mm Double-rebate door leaf 60 mm Fire protection door leaf to T30-RS Surfaces HPL or genuine wood veneer Full glass door leaf, ESG 8 mm
Fittings	Door hinges, stainless steel Door handle, stainless steel U-form All normal door fittings	Door hinges, stainless steel Door handle, stainless steel U-form All normal door fittings



Lehnert's "best piece"

Lehnert wall 105

