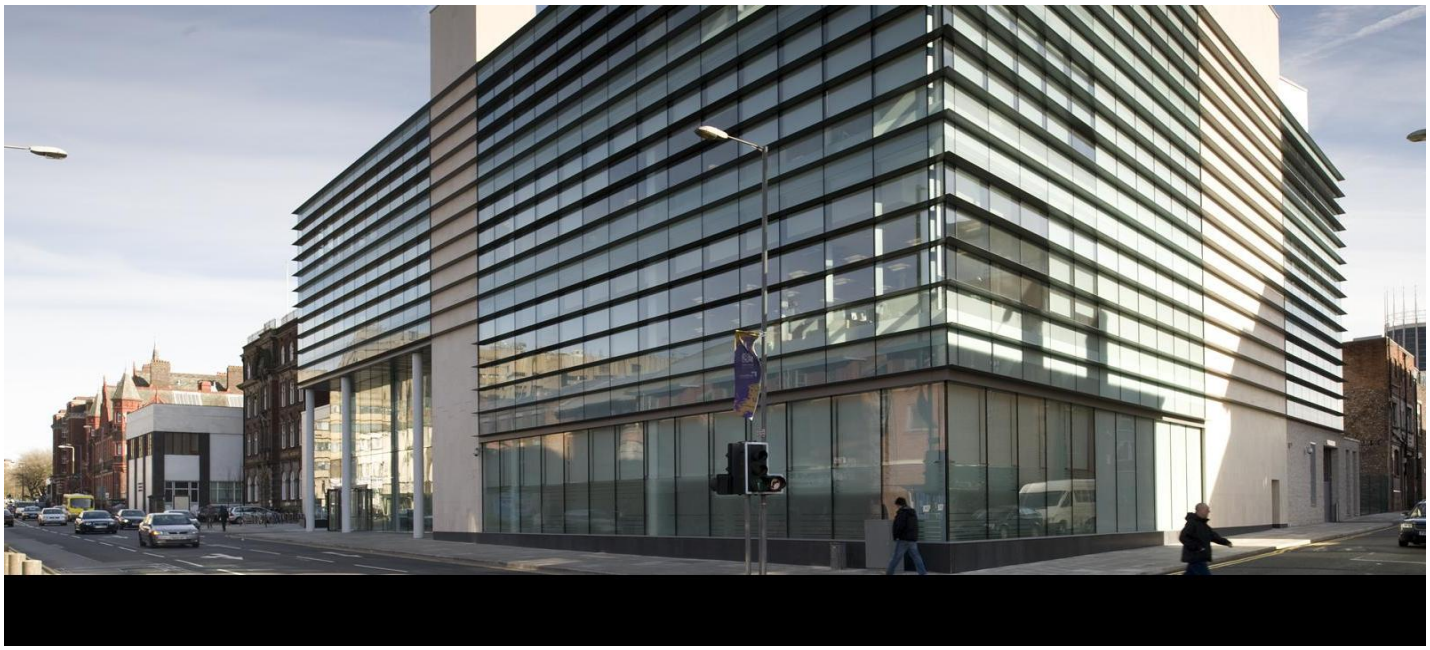
LITE-WALL ISO



Description

The fittings are designed to transfer wind pressure and suction loads as well as the self-weight of the unit back to the structure. LITE-WALL ISO is now also certified as blast-enhanced to ISO 16933 “Glass in Building – Explosion resistant security glazing – Test and classification for arena air blast loading”.

Range

The non-drilled outer pane of glass can be a coated glass product to provide thermal insulation or solar control properties. Screen-printed outer panes are also possible.

Standard composition
Outer sheet: 8 mm SECURIT tempered safety glass, coated
Cavity: 12 mm air filled with stainless steel warm edge spacer bar
Inner sheet: 14 mm STADIP laminated safety glass comprising: 8 mm SECURIT / 0.76 mm PVB-Interlayer / 6 mm SECURIT
Black stainless steel warm edge spacer bar is used as the standard cavity spacer bar providing improved thermal insulation when compared to conventional aluminium spacer bars.

Benefits

Unobtrusive, flush appearance

LITE-WALL ISO contributes to the creation of all-glass assemblies and innovative projects. With LITE-WALL ISO, the glass is not set in frames like traditional constructions, but held in place by point-fixings

which do not penetrate the outer pane of the IGU, thus creating innovative aesthetic all-glass facades.

Enhanced acoustic and thermal insulation

Since the bolts do not penetrate the outer pane of the IGU, this improves the thermal performance of the unit because there is no cold bridging via the bolt from one side to the other. The acoustic performance of the IGU is also improved and the unit is more weathertight.

Maximum transparency

All-glass structures can be created, ensuring interiors are generously provided with natural light. When refurbishing older buildings, the clarity of the glass allows the original structure to be exposed in its true form.

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