

Specification for "OKALUX" 2 Pane Light Diffusing glazing panels

Project -
Architect –
Location -

UK Agent

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Manufacturer

OKALUX GmbH

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Specification (to be read in conjunction with INFOTEXT)

Product – "OKALUX"

Build up: Outer Pane: ___mm Toughened Heat Soak tested * / Heat strengthened Laminated* / Heatstrengthened*
Cavity : 8* / 12* / 16* / 32*/40*mm Capillary slab with glass fibre tissues to either side (*delete as applicable to chosen cavity fill as below).
Inner Pane – ___mm Toughened Heat Soak tested glass* / Heat strengthened Laminated* / Heatstrengthened

Maximum Dimensions 2000mm x 4000mm (for longer lengths please contact us)
Panels over 1500mm wide max Tv 32%

Ug Value: 8 mm capillary slab = 2.7 W/m²K 12 mm capillary slab = 2.5 W/m²K
16mm capillary slab= 2.2 W/m²K* 20mm capillary slab= 1.9 W/m²K*
24mm capillary slab= 1.7 W/m²K* 32mm capillary slab = 1.5 W/m²K*
40mm capillary slab= 1.3W/m²K*

(*delete as applicable)

Light (Tv): Min 21% - Max 45% dependant on number of Fibre tissues & coating type to #
Transmission (Tv max = 32% for panels over 1500mm wide)

TSET (g Value): Min 25% - Max 46% dependant on number of Fibre tissues

Fixing: In accordance with System manufacturers recommendations & Glaziers specific requirements

Sealant: Black Silicone or Polysulphide sealant

Edge depth: Nominal 14mm overall - 7mm Spacer & 7mm perimeter silicone seal

Options: Printed Fibre Tissues –please contact agent for more details

Calculations - Glass thicknesses & type to be confirmed by system installer or facade engineer to meet loading & building requirements