

## Specification for "OKALUX EVO" 2 Pane Light Diffusing Insulated Glazing

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**Project -**  
**Architect –**  
**Location -**

### UK Agent

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**VENA Ltd**

**Tel No. -** 01992 677 656

**Mob. -** 0757 238 5151

**Contact -** John Godwin

**e-mail -** [okalux@vena-ltd.co.uk](mailto:okalux@vena-ltd.co.uk)

### Manufacturer

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**OKALUX GmbH**

AmJoespershecklein 1,  
97828 Markttheidenfeld,  
Germany

**Contact -** Nicole Amthor

**e-mail –** [namthor@okalux.de](mailto:namthor@okalux.de)

### Specification (to be read in conjunction with INFOTEXT)

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**Product –** "OKALUX EVO"- Kapilux T capillaries with Fibre tissue interlayer

**Build up:** Outer Pane: \_\_\_\_ mm Heat strengthened\*/ Toughened H\* / Heat strengthened laminated glass  
Cavity : 6 / 20 / 24 / 28 / 32 / 40mm thick as required for U value (\*see below)  
Cavity fill: 2 layers of Kapipane with glass fibre tissues between the Capillary slabs  
Inner Pane – \_\_\_\_ mm Heat strengthened\*/ Toughened \*/ Heat strengthened laminated glass \*

**Maximum Dimensions** 1300mm x 3000mm without joints in capillary slabs  
2400mm x 4000mm with butt joints in capillary slab

<b>Ug Value:</b>	16mm Capillary thickness = 2.0 W/m <sup>2</sup> K *	20mm Capillary thickness = 1.8 W/m <sup>2</sup> K *
	24mm Capillary thickness = 1.6 W/m <sup>2</sup> K *	28mm Capillary thickness = 1.5 W/m <sup>2</sup> K *
	32mm Capillary thickness = 1.4 W/m <sup>2</sup> K *	40mm Capillary thickness = 1.3 W/m <sup>2</sup> K *

(\*delete as applicable to chosen cavity fill)

**Light (Tv):** Min 21% - Max 42% dependant on number of Fibre tissues (Standard Types)  
**Transmission**

**TSET(g Value):** Min 26% - Max 43% dependant on number of Fibre tissues

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

**Sealant:** Polysulphide Sealant to perimeter for capped systems  
Silicone sealant for un-capped systems

**Options:** Coloured Foils, Digital Printing, Fibre Tissues, Toggle fixings, Ceramic Borders etc.  
please contact agent for more details

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

## Specification for "OKALUX EVO" 3 Pane Light Diffusing Insulated Glazing

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**Project -**  
**Architect –**  
**Location -**

### UK Agent

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**VENA Ltd**

**Tel No. -** 01992 677 656

**Mob. -** 0757 238 5151

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### Manufacturer

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Germany

**Contact -** Nicole Amthor

**e-mail –** [namthor@okalux.de](mailto:namthor@okalux.de)

### Specification (to be read in conjunction with INFOTEXT)

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**Product –** "OKALUX EVO"- 3 pane Kapilux T capillaries with Fibre tissue interlayer

**Build up:**

Outer Pane:	___mm Heat strengthened/ Toughened / Toughened or Float laminated glass with 0.76mm pvb foil interlayer <i>with Low e or solar coat to #2</i>
Cavity 1:	8mm with Air , Argon* or Krypton* Gas fill as req. for Ug value ( <i>see below</i> )
Centre Pane	6mm toughened H
Cavity 2.	2 x 10mm or 8mm layers of Kapipane T with fibre tissues between
Inner Pane –	___mm Heat strengthened*/ Toughened H*/ Heat strengthened laminated glass

**Maximum Dimensions** 1400mm x 4000mm without joints in capillary slabs  
2000mm x 6000mm with butt joints in capillary slab

**Ug Value:** Air fill = 1.2 W/m<sup>2</sup>K \*  
Argon fill = 1.0 W/m<sup>2</sup>K \*  
Krypton fill = 0.8 W/m<sup>2</sup>K \*

(\*delete as applicable to chosen cavity fill)

**Light (Tv):** Min 31% - Max 41% dependant on number of Fibre tissues (*Standard Types*)  
**Transmission**

**TSET(G Value):** Min 20% - Max 33% dependant on number of Fibre tissues (*Standard Types*)

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

**Sealant:** Polysulphide Sealant to perimeter for capped systems  
Silicone sealant for un-capped systems

**Options:** Coloured Foils, Digital Printing, Fibre Tissues, Toggle fixings, Ceramic Borders etc.  
please contact agent for more details

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