

Specification for double glazed "OKAWOOD" 2 Pane Glazing with Integrated Timber Louvers

Project -
Architect –
Location -

UK Agent

VENA Ltd

Tel No. - 01992 677 656

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Contact - John Godwin

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Manufacturer

OKALUX GmbH

AmJoespershecklein 1,
97828 Markttheidenfeld,
Germany

Contact - Nicole Amthor

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Specification (to be read in conjunction with INFOTEXT)

Product – "OKAWOOD" facade glazing with Integrated Timber louvers

Louwer: Horizontals 10mm wide & spaced 10mm apart

Details: Verticals 10mm wide spaced maximum 600mm apart
Weight of Louver = approx. 5 Kg/m²

Max. Width: Max dim. of Louvers 2000mm x 3500mm – wider panels & tall panels over 2000mm inc. butt joint

Timber: High-quality laminated wood cut from locally cultivated indigenous beech
Seraya & Obeche also available for solid timber requirements

Build up: Outer pane- ____mm Heat strengthened (HS)* / Toughened (T) * / Laminate (Lam)* / T or HS Lam *
Cavity - 18mm with high quality Beech laminate Louver grid
Inner Pane – ____mm HS* / T* / HS Lam* / T Lam * with low e coating to #3
**= Delete as required*

Ug Value: Air Fill = 1.9 W/m²K*
Argon Fill = 1.6 W/m²K*
Krypton Fill = 1.3 W/m²K*
*(*delete as applicable to chosen cavity fill)*

Light (Tv): Min 2% - Max 29% dependant on angle of Sun
Transmission

TSET(G Value): Min 11% - Max 28% dependant on angle of Sun

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

Sealant: Polysulphide Sealant to perimeter (Capped Systems) –
Silicone to SG systems

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

Specification for triple glazed "OKAWOOD" 3 Pane Glazing with Integrated Timber Louvers

Project -
Architect –
Location -

UK Agent

VENA Ltd

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Manufacturer

OKALUX GmbH
AmJoespershecklein 1,
97828 Markttheidenfeld,
Germany

Contact - Nicole Amthor **e-mail –** namthor@okalux.de

Specification (to be read in conjunction with INFOTEXT)

- Product –** "Okawood" facade glazing with Integrated Timber louvers
- Louver:** Horizontals 10mm wide & spaced 10mm apart
- Details:** Verticals 10mm wide spaced maximum 600mm apart
Weight of Louver = approx. 5 Kg/m²
- Max. Width:** Max dim. of Louvers 2000mm x 3500mm – wider panels & tall panels over 2000mm inc. butt joint
- Timber:** High-quality laminated wood cut from locally cultivated indigenous beech
Seraya & Obeche also available for solid timber requirements
- Build up:** Outer panel- ____mm Heat strengthened (HS) / Toughened (T) / Laminate (Lam) / T or HS Lam *
Cavity 1 - 18mm with high quality Beech laminate Louver grid
Centre pane – 6mm Toughened heatsoak tested with low e to #3
Cavity 2 – 10mm with air or gas fill as required to meet Ug value requirements
Inner Pane – ____mm HS / T / HS Lam / T Lam * with low e coating to #5
**= Delete as required*
- U Value:** Air Fill = 1.0 W/m²K*
Argon Fill = 0.8 W/m²K*
Krypton Fill = 0.6 W/m²K*
*(*delete as applicable to chosen cavity fill)*
- Light (Tv):** Min 2% - Max 22% dependant on angle of Sun
- Transmission**
- TSET(G Value):** Min 7% - Max 20% dependant on angle of Sun
- Fixing:** In accordance with System manufacturers recommendations & Glaziers specific requirements
- Sealant:** Polysulphide Sealant to perimeter (Capped Systems) –
Silicone to SG systems
- Calculations -** Glass thicknesses to be confirmed by system installer or facade engineer to meet loading & building requirements