**TECHNICAL SPECIFICATION**

**VERTICA ENERGY**

**KAN VERTICAL FIXED WINDOW**

**VARIANT 1600/1610**

**PANE**
- Construction: 33.2-10-3HS-10-4H
- Thickness of glazing (mm): 33
- Low E: ✓ ✓
- Gas (argon): ✓
- Toughened: ✓
- Laminated: ✓
- $U_g$ (W/m²K): 0.81
- Total solar energy transmittance: 0.54

**WINDOW**
- $U_w$ (W/m²K): 1.2
- Water tightness: E1350
- Air permeability: Class 4
- Resistance to wind load: Class C4
- Sound reduction: 36 (-1; -3) dB

**COLOUR**
- Natural wood: KAN B1600
- White: KAN B1610

**APPLICABLE**
- For public and domestic buildings
- For heated, inhabited rooms
- For vertical installation. Can be combined with Dakea normal frame wooden roof window installed in a roof pitch between 15° - 55°
- Suitable for all common roofing with proper flashing
- Not suitable for individual installation

**FEATURES**
- Fix (non-openable) roof window
- Extra welded gasket
- ENERGY+: Triple glazing
- THERMOSTAT
- Extra heat reflecting coating
- QUICK INSTALL
- RUC roofing underfelt foil collar, free of charge
- SAFE GUARD
- Laminated internal glass
- Two layers of tear resistant foil
- 20 YEARS GUARANTEE

**MATERIAL | FINISHING**
- **MASTER WOOD** - Kiln-dried laminated pine wood
- Timber from FSC certified forests
- Fungicide protection
- Double layer water based lacquer (B1600)
- Water based white paint (B1610)

**COVER PARTS**
- Aluminium, lacquered, RAL 7043

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[Image of window]
TECHNICAL DATA

MEASURES [cm]

<table>
<thead>
<tr>
<th>CODE</th>
<th>NOMINAL SIZE</th>
<th>FRAME EXTERNAL SIZE</th>
<th>PANE SIZE</th>
<th>VISIBLE GLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>WIDTH</td>
<td>HEIGHT</td>
<td>WIDTH</td>
</tr>
<tr>
<td>KAN M31A</td>
<td>78 x 60</td>
<td>78</td>
<td>60,5</td>
<td>62,8</td>
</tr>
<tr>
<td>KAN M34A</td>
<td>78 x 96</td>
<td>78</td>
<td>95,9</td>
<td>62,8</td>
</tr>
</tbody>
</table>

FLASHING COMPATIBILITY TABLE (ACCORDING TO PROFILE HEIGHT OF ROOFING MATERIAL)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>CODE</th>
<th>SLATE with one-pieceside element 0-16 mm (2x8 mm)</th>
<th>UNIVERSAL (16-120 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KAN M31A</td>
<td>KSN*</td>
<td></td>
<td>KUN*</td>
</tr>
<tr>
<td>KAN M34A</td>
<td>KSN*</td>
<td></td>
<td>KUN*</td>
</tr>
</tbody>
</table>

* Size of the flashing must be chosen in accordance with the size of openable roof window installed above the vertical fixed window.

ASSOCIATED PRODUCTS FOR VERTICAL FIXED ROOF WINDOW

ROOF WINDOW

- KAV B910 / B910
- KAV B1000 / B1010
- KHV B1000 / B1010
- KEV B1200 / B1210
- KAV B1500 / B1510
- KEV B1800 / B1810

FIXED ROOF WINDOW

- KAV M31A
- KAN M34A

SLATE FLASHING

- KSN MXA**

UNIVERSAL FLASHING

- KUN MXA**

** available sizes: M4A, M6A, MBA, M10A

PANE 16

Triple pane, energy saving safety glass construction

- \( U'_2 = 0,81 \) W/m²K
- \( U_{w1} = 1,2 \) W/m²K

33.2-10-3HS-10-4H

AVAILABLE SIZES (CM)

<table>
<thead>
<tr>
<th>Roof window size / cm</th>
<th>M4A 78x98</th>
<th>M6A 78x118</th>
<th>MBA 78x140</th>
<th>M10A 78x160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical fixed roof window size / cm</td>
<td>M31A 78x60</td>
<td>M31A 78x60</td>
<td>M31A 78x60</td>
<td>M31A 78x60</td>
</tr>
</tbody>
</table>

** available sizes: M4A, M6A, MBA, M10A

This construction requires an additional flashing and additional normal frame wooden roof window. The size of this additional flashing needs to be determined with taking the size of the openable roof window installed above the fixed window.

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