



# HV 450

 TIMBER-ALUMINIUM-COMPOSITE WINDOW

## CHARACTERISTICS



**Thermal insulation** (in W/m<sup>2</sup>K)  
U<sub>w</sub> up to 0,62



**Sound reduction** (in dB)  
up to 39-46



**Security**  
up to RC1N, RC2



**Locking**  
fully concealed

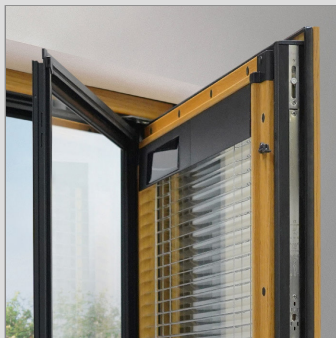
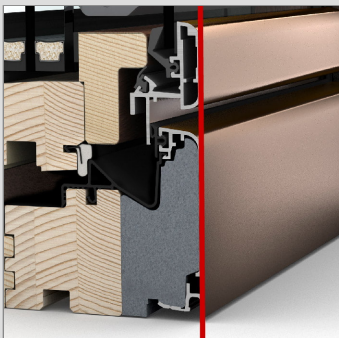


**Installation Depth** (in mm)  
85

**I-tec Shading**

**I-tec Glazing**

**I-tec Connect**

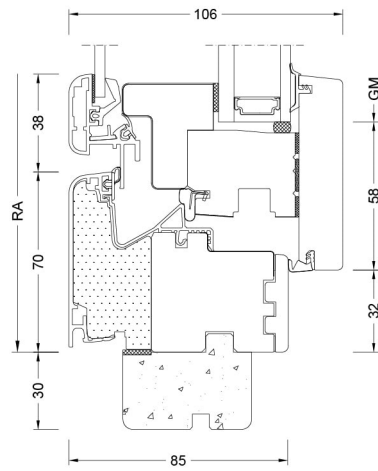


The flush transition from frame to sash and the integrated sun protection between the panes unite the HV 450 into a single unit. Venetian, Roman or black-out Duette® blinds are integrated between accessible panes, and are protected from the weather and dirt. With perfect sun, privacy, thermal and sound protection, you can enjoy quadruple protection in just one window. I-tec Shading with photovoltaic module and battery is completely energy self-sufficient and also offers many useful functions.

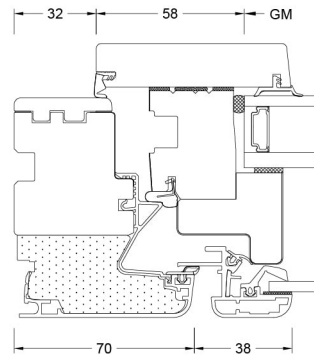


## Cuts

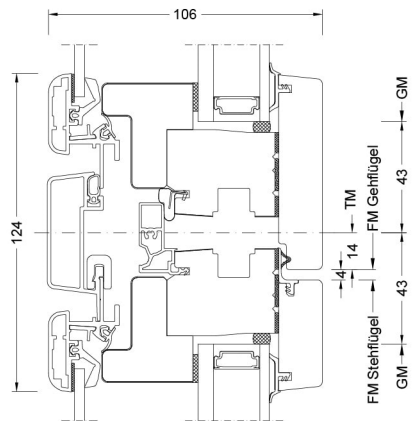
Senkrecht / Vertical



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BM Bestellmaß / Ordering size  
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Note on table: Existing test certificates for home pure. Glass code 100-2KU for home pure, home soft and ambiente with test certificate.

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### **More light & transparency**

- The special coating allows more daylight to enter the interior, therefore making it brighter and friendlier.
- Enjoy a clearer view of the outside. The external reflection or mirror effect is also low and the glass is colour-neutral from the outside.

### **Improved health & productivity**

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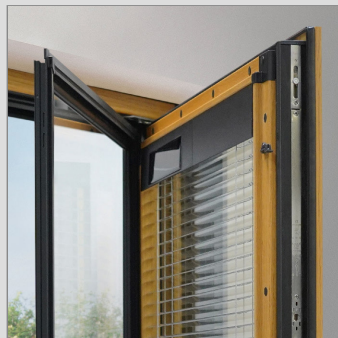
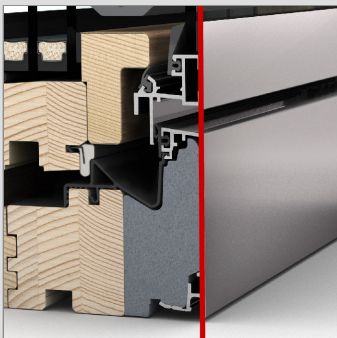


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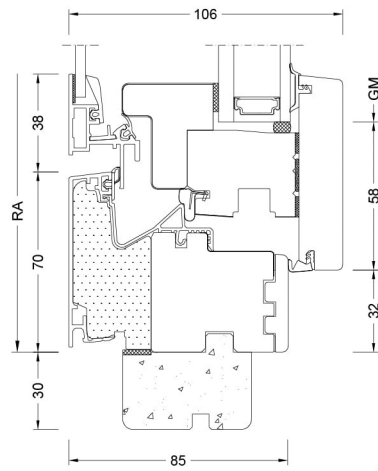


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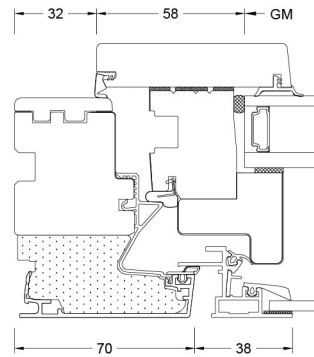


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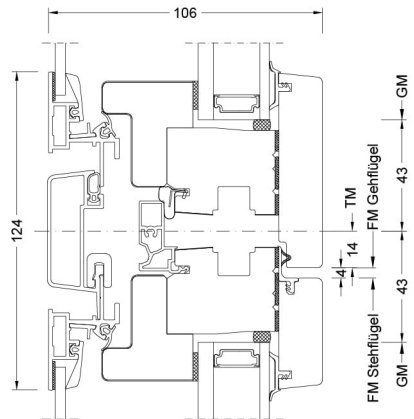
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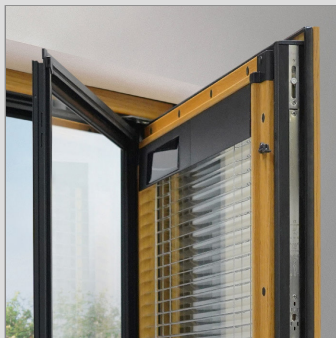
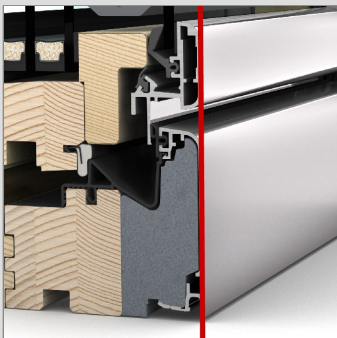
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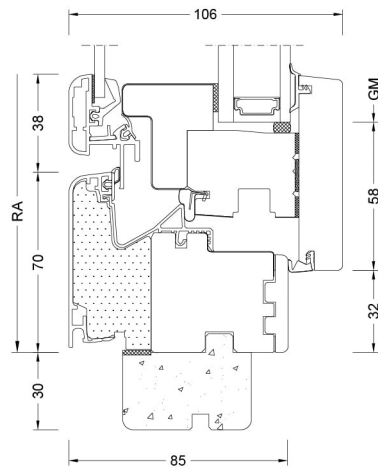


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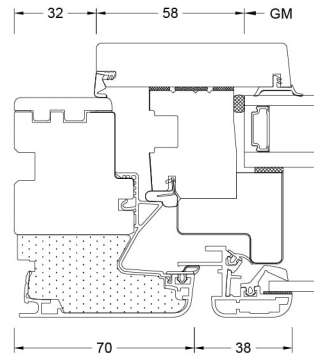


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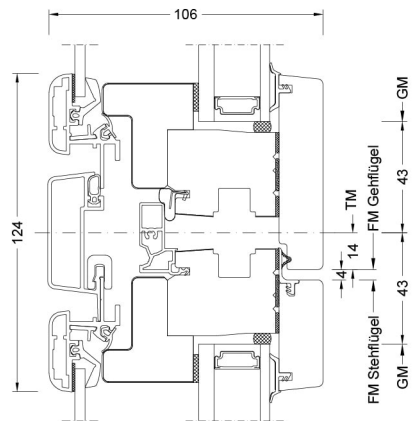
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