



## **B70 & B70 Thermo**

**Save on energy, not on comfort**

The B70 series has become an established product series due to its exceptional price-performance ratio. Van Beveren is constantly looking for the best technologies in order to obtain the highest possible insulation values. This led to the development of the B70 Thermo. B70 Thermo combines the strength and mechanical properties of the B70 system with even more extensive thermal insulation.

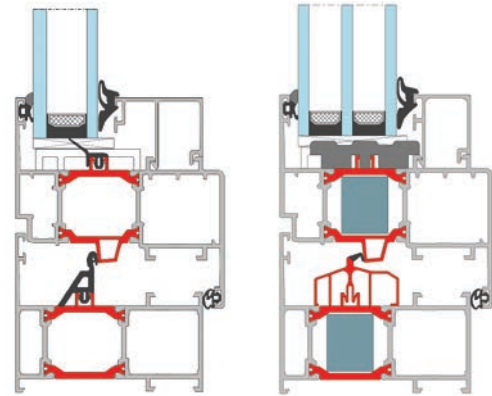


# B70 & B70 Thermo

Both series – B70 and B70 Thermo – consist of the same half-shells and are insulated by means of fibreglass-reinforced polyamide strips of 30 mm. Adding various insulating materials to the B70 – such as Styro-foam, PE foam and a PVC center seal – allows the thermal insulation to be built in a modular manner in order to obtain a very low  $U_w$  value for the B70 Thermo.

The  $U_w$  value can be reduced by approx. 30% using triple glazing with a  $U_g$  of 0.6, for example. Even better insulation values are obtained using glass with a WarmEdge.

The very broad technical range of auxiliary profiles and available dimensions always offers an elegant solution for all types of complex situations. Moreover, you can also choose different styles and shapes within this series; in addition to the Standard version, you can choose the extra tight version (Design) or the rounded (Soft or Ellipse) design. The B70 is the ideal balance between comfort and aesthetics!



**B70**

**B70 THERMO**



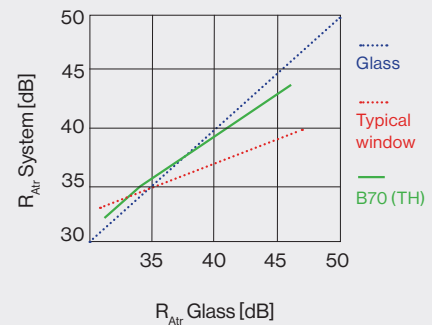
**B70 STANDARD**

**B70 DESIGN**

**B70 SOFT**

**B70 ELLIPSE**

## SOUND INSULATION



## B70 AND B70 THERMO PROPERTIES

Standard - Design - Soft - Ellipse		BUtgb approval: ATG certificate 2127 - KOMO certificate 1027.0299.05	
Standard insulation renovation		Burglar resistance	<b>WK2 / RC2</b> (NEN 5096 / ENV1627)
		$U_f$ insulation value	<b>Up to 1,36 W/m<sup>2</sup>K</b> (NBN EN ISO 10077-2)
Outer-frame glazing	<b>14 mm - 56 mm</b>	$U_w$ insulation value B70 TH (1,23 x 1,48 m)	<b>1,44 W/m<sup>2</sup>K</b> (Double glazing $U_g=1,0$ ; $\Psi=0,069$ )*
Wing glazing	<b>14 mm - 64 mm</b>		<b>1,07 W/m<sup>2</sup>K</b> (Triple glazing $U_g=0,6$ ; $\Psi=0,034$ )*
Outer-frame installation depth	<b>70 mm</b>	Water resistance	<b>9A</b> (NBN EN 12208)
Wing installation depth	<b>78 mm</b>	Airtightness	<b>4</b> (EN 12207)
Fibreglass-reinforced polyamide strips		Resistance to wind load	<b>C4</b> (EN 12210)

\* All other combination/result values are indicative and may not incur liability

**YOUR BUILDER**