



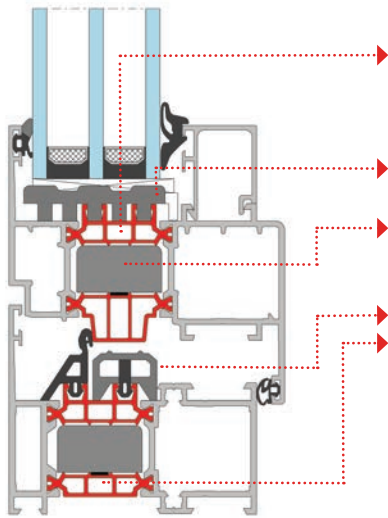
OPTIMA 70

Top-range product with technical innovations

- Robust: wing weight of up to 170 kg
- Excellent insulation due to innovative materials
- Design: Standard - Soft - Design



OPTIMA 70



OPTIMA 70 STANDARD

Suitable for heavy triple glass:

- The stable 3-chamber Noryl strips are ideal for high triple super-insulating glass weight values.

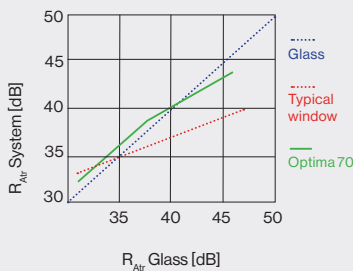
Optimal insulation at an installation depth of 70 mm:

- The polyethylene foam under the glass ensures that cold air cannot enter the house under the glass.
- The polyethylene terephthalate insulating foam has been specially developed for this profile series. It has a better λ -value than the foams used up to now, resulting in optimal insulation at a minimum installation depth.
- EPDM foam rubber provides additional insulation in this zone.
- The extra air chambers and the innovative design ensure excellent insulation.

Design:

- The Optima 70 product range offers a very wide variety of sizes and auxiliary profiles, so that elegant solutions are always available for technically complex situations.
- The profiles are specially designed with improved support for invisible fittings, which can support a wing weight of up to 170 kg and 150 kg for a 16-mm fitting groove. This allows you to choose from an almost inexhaustible range of stainless steel or lacquered design stools.
- Besides the "Standard" version, you can also opt for the extra tight "Design" or the modern "Soft" finish.

SOUND INSULATION



STANDARD



SOFT



DESIGN

OPTIMA 70 PROPERTIES

Standard - Soft - Design		BUtgb approval: ATG certificate 2127 - KOMO certificate 1027.0299.05	
Low-energy house		Burglar resistance	WK2 / RC2 (NEN 5096 / ENV1627)
		Uf insulation value	Up to 1,18 W/m²K (NBN EN ISO 10077-2)
Outer-frame glazing	14 mm - 56 mm	Uw insulation value (1,23 x 1,48 m)	1,31 W/m²K (Double glazing Ug=1,0; $\Psi = 0,069$)*
Wing glazing	14 mm - 64 mm		0,94 W/m²K (Triple glazing Ug=0,6; $\Psi = 0,034$)*
Outer-frame installation depth	70 mm	Water resistance	E900 - E2100 (EN 12208)
Wing installation depth	78 mm	Airtightness	4 (EN 12207)
Multi-chamber system with Noryl strips		Resistance to wind load	C4 (EN 12210)

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

YOUR BUILDER