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# STAR90

The real comfort window that makes warmth and silence tangible.  
Highly insulating, suitable for passive building.

100%  
MADE IN  
BELGIUM

25  
YEARS  
COLOR  
LOCKED

**aliplast**<sup>®</sup>  
ALUMINIUM SYSTEMS

# STAR90

The **STAR90** window system exists in 3 insulating versions STAR90 - STAR90i - STAR90i+ and STAR90P. It stands out for its excellent thermal properties, making it particularly suitable for use in passive house projects. A passive house is a highly insulated house with ideal comfort in winter (warm) and in summer (cool). It has a high-quality thermal envelope that ensures low energy consumption. The acoustic performance of the Star90 also contributes greatly to the increased comfort experience of the residents.

## PERFORMANCE LEVEL

UW-VALUE		0.80 W/m <sup>2</sup> K*
UF-VALUE FRAME/SASH	1.5 (GT) - 1.3 (GTi) - 1.2 W/m <sup>2</sup> K (GTi+)	
AIR TRANSMISSION	NBN EN 12207	Classe 4
WATERTIGHTNESS	NBN EN 12208	Classe E900A
RESISTANCE TO WIND	NBN EN 12210	Classe C4
SHOCK RESISTANCE	EN 13049	Classe 4
BURGLARPROOF	NEN 5096 & ENV 1627	RC2
OPERATING FORCE	EN 13115	Classe 1
ACOUSTICAL INSULATION		until 48dB (-2 ; -5)

\* 1230mm x 1480mm / UG 0.6W/m<sup>2</sup>K & PSI 0.033W/MK / profile combination: GT012-GT022

## APPLICATIONS

- Fixed frames
- Pivoting windows: single or double hinged with the option of tilting
- Flat and rebate doors both single and double opening, inward en outward opening
- Pivot door
- Doors with leaf-enclosing infill panel

## TECHNICAL FEATURES

- Minimal sight line inward opening window: frame: 55 mm - sash: 47,5 mm
- Minimal sight line T-profile: 80 mm
- Built-in depth window: frame: 90 mm - sash: 99 mm
- Glazing rebate: 25 mm
- Glazing: frame: 12-72 mm - sash: 21-81 mm
- Thermal insulation: windows: 45 mm - flat doors: 34 mm

## 100% MADE IN BELGIUM



Aliplast develops aluminium profiles tailored to current housing needs. Everything happens under one roof: from drawing to extrusion, powder coating, insulation and transport to the Aliplast distributors. The distributors produce and install the finished windows in your building project.

## 25-YEAR COLOUR GUARANTEE



Aliplast gives a 25-year guarantee on 50 current colours. The Qualicoat Seaside quality label ensures that your paint colour is extra protected against aggressive environments (exhaust fumes, salty sea air, etc.). You enjoy a 15-year guarantee on all other colours. Peace of mind for the future.

## DURABLE PRODUCT



Aluminium is a durable product because it has a long lifespan. Moreover, the material is fully recyclable and can therefore be completely reused without compromising on quality. Aliplast was awarded the Cradle to Cradle certificate on this system: it is suitable for circular construction, it has a positive impact on people and the environment, it contains no harmful substances and is manufactured using green energy.