



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

* 1230mm x 1480mm / UG 0.6W/m²K & 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 and outward opening
- Pivot door
- Doors with leaf-enclosing infill panel

TECHNICAL FEATURES

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

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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.