

elvial



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ELVIAL I² TECHNOLOGY

**INNOVATIVE TECHNOLOGIES_
ELVIAL PRE-ANODIZING 2IN1_
ELVIAL I² INSULATION TECHNOLOGY_
BE DIFFERENT.**



WELL BEING

THE CHOICE OF ALUMINIUM SYSTEMS TODAY PROVIDES SAFETY AND ENERGY EFFICIENCY, IMPROVING EVERYDAY LIVING.

ALUMINIUM SYSTEMS MAY UPLIFT THE AESTHETIC RESULT AND ADD VALUE TO THE BUILDING IMAGE. IT ALSO CONTRIBUTES TO THE WELL BEING OF EVERYDAY USERS.

INSULATION WALL WITH **ELVIAL I²**

- 1 **ELVIAL I²** INSULATION TECHNOLOGY
- 2 **INSULATING BARS** 25% GLASS FIBRE REINFORCEMENT
- 3 **GLAZING GASKETS** WITH FINS
- 4 **INSULATING FOAM PROFILE** AT THE PERIMETER OF THE GLAZING ZONE
- 5 **CO-EXTRUDED GASKETS** IN THE CENTRAL AREA OF THE WINDOW

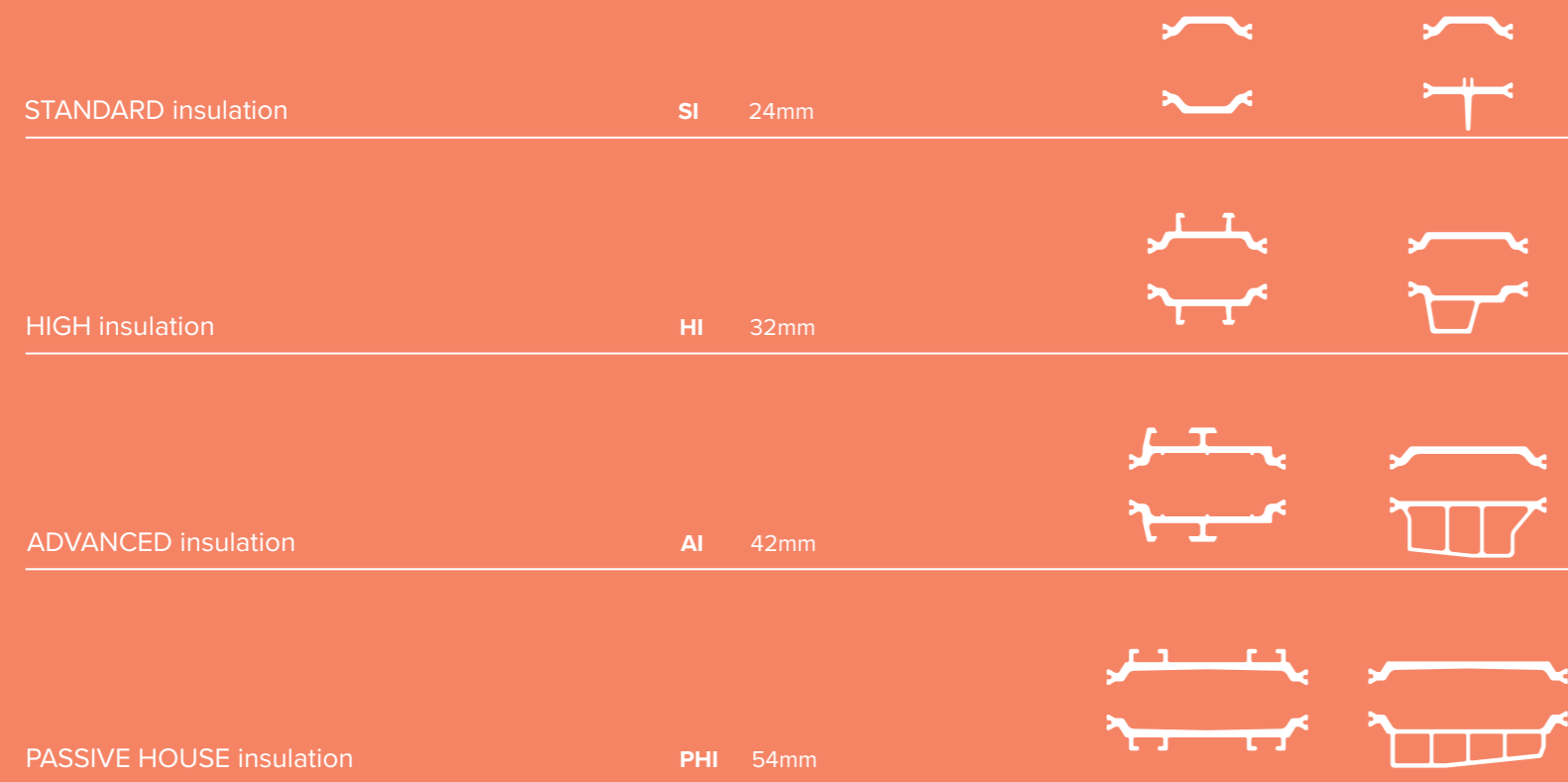
**YOU ENJOY EXCELLENT ENERGY PERFORMANCE
WITH AN IMMEDIATE FINANCIAL GAIN.**



What is the thermal insulation of an aluminium window?

Thermally broken aluminium systems are different from cold aluminium systems. They are equipped with special insulation bars that reduce the heat transfer between the interior and exterior environment of the aluminium profile.

The level of thermal insulation depends on the width and geometry of the insulation bars applied in the middle chamber of the profile.



ELVIAL I² Technology creates an **extra** insulation zone in the profile's middle chamber.

The application of this technology in our production unit ensures the middle chamber is fully filled with a foam core of ideal density and thermal conductivity.

The result? Impressive.

*THE SYSTEMS
ENERGY EFFICIENCY
CAN BE IMPROVED
BY UP TO 38% (Uf)*

THIS IS ELVIAL I² TECHNOLOGY

ENJOY EXCELLENT ENERGY PERFORMANCE WITH AN IMMEDIATE FINANCIAL GAIN.



LOOK FOR
THE AUTHENTICITY FILM
#ELVIAL I² TECHNOLOGY

LEARN MORE ABOUT
ELVIAL I² TECHNOLOGY

www.elvial.com/products/i2

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