

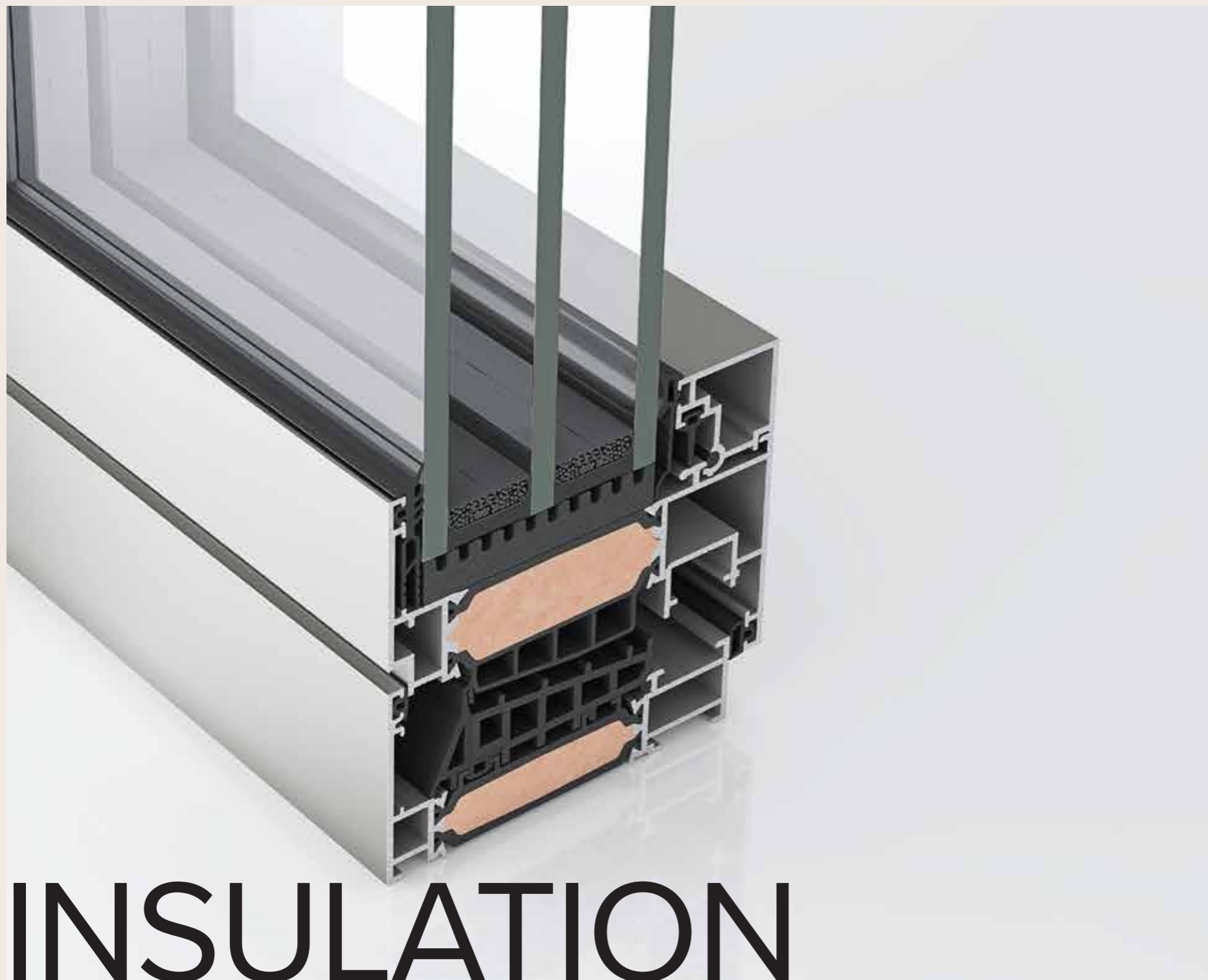
elvial



ELVIAL I²
TECHNOLOGY

WE BUILD A THERMAL INSULATION
WALL AND ACHIEVE EXCELLENT
ENERGY PERFORMANCE WITH
ELVIAL I² TECHNOLOGY

ELVIAL ENERGY EFFICIENT SYSTEMS



INSULATION WALL WITH ELVIAL I²

ELVIAL I²

insulation technology

INSULATING BARS

with glass re-enforcement 25%

GASKETS

with fins

FOAM INSULATING PROFILE

at the perimeter of the glazing zone

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?

Thermal insulated systems are different than the widely known cold systems (non-insulated system). They are equipped with special insulation bars made of polyamide or polythermide that prevents/blocks the thermal flow from the interior to the exterior.

STANDARD INSULATION	SI 24mm		
HIGH INSULATION	HI 32mm		
ADVANCED INSULATION	AI 42mm		
PASSIVE HOUSE INSULATION	PHI 54mm		

THE DEGREE OF THERMAL INSULATION DEPENDS ON THE WIDTH AND GEOMETRY OF THE INSULATION BARS APPLIED IN THE MIDDLE CHAMBER OF THE PROFILE.

ELVIAL I² TECHNOLOGY BEARS 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.

ACHIEVED UP TO 38% ACTUAL IMPROVEMENT OF THE SYSTEM'S ENERGY EFFICIENCY [UF].

THIS IS ELVIAL I² TECHNOLOGY

YOU ENJOY EXCELLENT ENERGY PERFORMANCE WITH AN IMMEDIATE FINANCIAL GAIN.



LOOK FOR THE AUTHENTICITY FILM.

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ELVIAL SOLUTION TODAY.**

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