

INSULATING ROOF PANELS

FOR HIGH-PERFORMANCE CONSTRUCTION

- CONTINUOUS THERMAL INSULATION
- OVERLOAD UP TO 550 KG /M² AND MORE
- LENGTHS OF 8 M AND OVER
- EASY INSTALLATION



R=5.88
m².K/W

A

THE SELF-SUPPORTING INSULATING ROOF PANEL



ROBUST AND LIGHTWEIGHT

HIGH-DENSITY EXPANDED POLYSTYRENE (21 KG/M³)



4.5 CM INTERNAL INSULATION

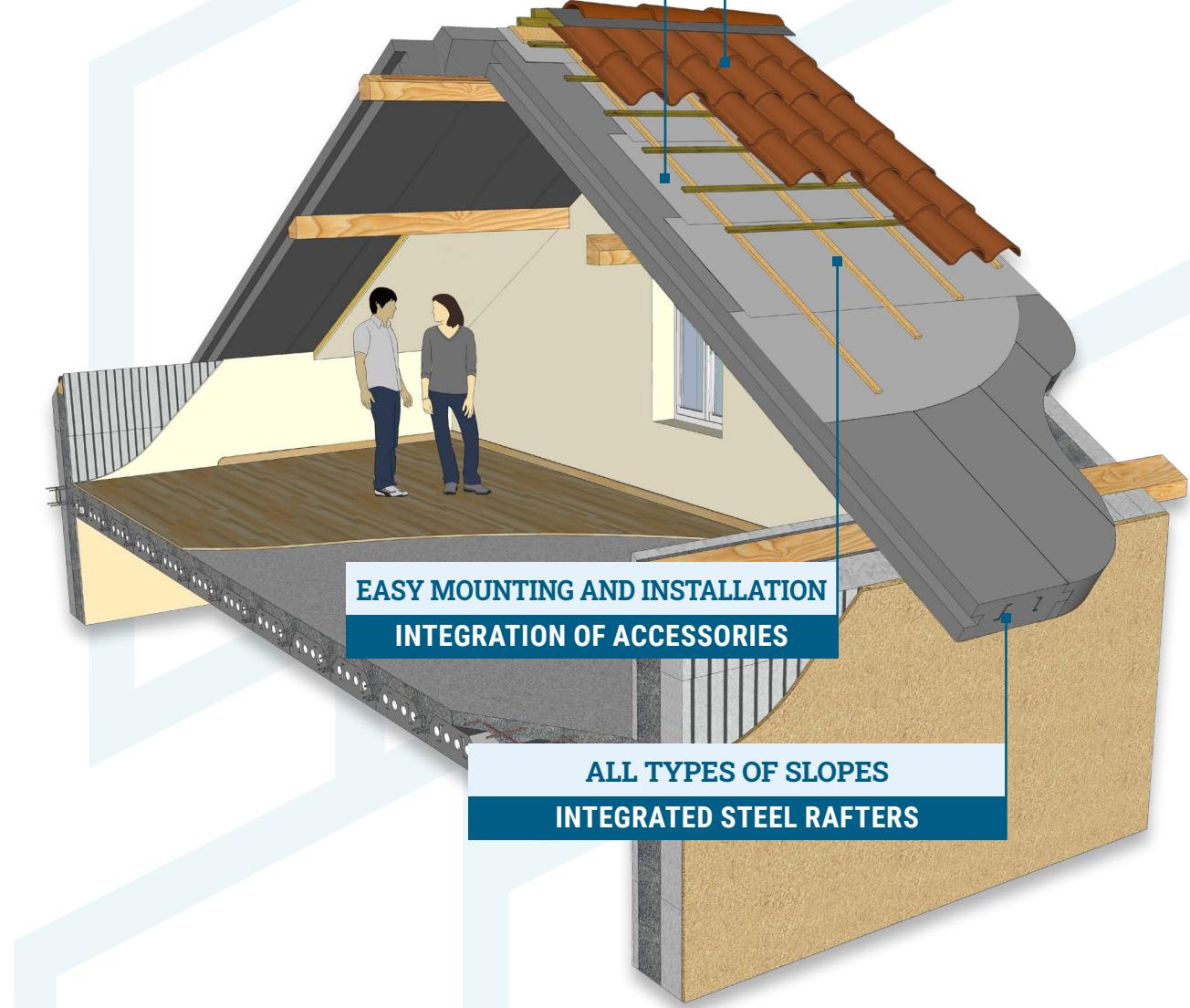
PRESERVED INERTIA

REDUCED THERMAL BRIDGES

INTEGRATED INSULATION

ROOF COVERING

ALL TYPES OF FINISH



3 IN 1

IN ONE SIMPLE INTERVENTION, YOU CAN
REALIZE 3 COMPLEX OPERATIONS IN
TRADITIONAL CONSTRUCTION:

- ① RAFTER INSTALLATION
- ② INSULATION INSTALLATION
- ③ THERMAL BRIDGE CONTROL

THE EUROMAC2 ADVANTAGES

- ① FREE QUOTATIONS
- ② SPECIALIZED ENGINEERING OFFICE
- ③ ON-SITE DELIVERY
- ④ ASSISTANCE AND TRAINING



EXCELLENCE IN INSULATION!

Exceptional thermal insulation, integrated load-bearing metal rafters, easy installation! The EUROMAC2 roof panel is at ease with all types of architecture, construction and finishes, and is RE 2020-compliant! (RE2020 = Strict French energy efficiency regulation)



EUROMAC2 GIVES YOU A FREE ESTIMATE FOR YOUR PROJECT AND PRODUCES YOUR EUROMAC2 ROOFING INSTALLATION GUIDE.

KEY DATA TO CONSIDER WHEN CHOOSING YOUR ROOF PANELS:

- The type of roof covering and any additional loads (on average +/- 50 kg / m²).
- Exterior dimensions of the building, overhangs and roof angle.
- The geographical location of the building to determine climatic overloads.

RANGE OF SELF-SUPPORTING INSULATED ROOF PANELS

STANDARD SERIES

SERIES	23cm
	RE 2020 +
COMMON APPLICATIONS	Low-energy buildings Passive buildings Individual housing
PANEL THICKNESS (in cm)	23
PANEL WEIGHT (KG / ML)	7,5
PANEL WEIGHT (KG / M ²)	14,71
AVAILABLE LENGTHS AND CUTS	Up to 8m as standard - For longer distances, please contact us.
THERMAL RESISTANCE	R_p - (m ² .K) / W
THERMAL LOSS	U_p - W / (m ² .K)

TECHNICAL SPECIFICATIONS

STANDARD DATA > SINGLE-FAMILY HOMES ON PLAINS

BUILDING REGULATIONS	Self-supporting insulating roof panel with integrated metal rafters and no thermal bridges
CLASSIFICATION AND REACTION TO FIRE	EUROCLASSE E
MATERIAL DEFINITION	REACH-compliant polystyrene grade pFR
THERMAL CONDUCTIVITY OF EPS	$\lambda_d = 0,031$ W / (m.K)
PERMISSIBLE OVERLOADS	Up to 550 kg / m ² as standard - For higher loads, please consult us.

EUROMAC2 ROOF PANELS

SIMPLE AND FAST

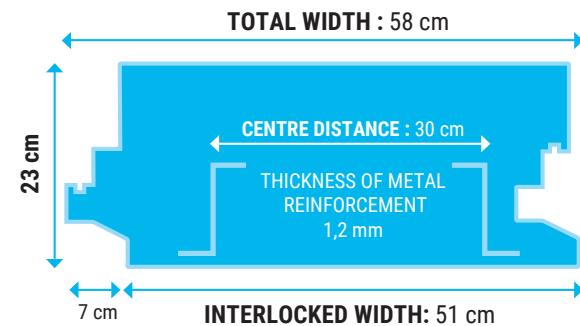
Simplified interlocking for fast installation

SURFACE COMPATIBILITY

Compatible with a wide range of solutions (roof tiles, zinc, slate, etc.)

INSTALLATION COMFORT

Lightweight, easy-to-handle panels



EXTERIOR FINISHING OPTIONS



TILE ROOFING

Flat tiles, Roman tiles, interlocking tiles, purlins, etc.



SLATE ROOFING

Rectangular, rhombus, ogive, round, ...



ZINC ROOFING

Classic zinc roofs



METAL SHEET ROOFING

Classic metal sheet roofs

TYPES OF LAYOUT



OPEN GABLE FOR ATTICS SUITABLE FOR CONVERSION

- Total attic enhancement
- Protection of purlins against thermal variations
- No thermal bridges
- Healthy interior environment

CLOSED GABLE FLAT UNDER TRUSS

- High thermal performance
- Low construction costs
- Easy access to attic space
- Easy access to ducts, VMC, air conditioning, ...
- Easy attachment of false ceilings, ducts, lighting, etc.



BENEFITS OF EUROMAC2



- EASY HANDLING
- QUICK INSTALLATION

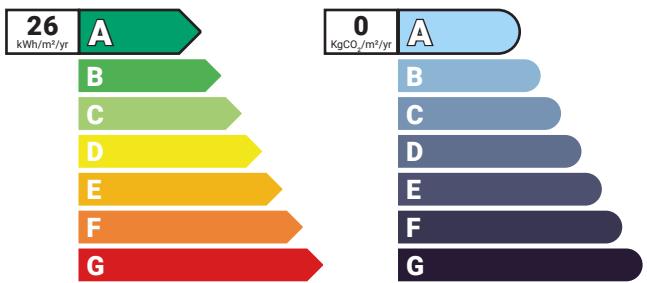
- MECHANICAL RESISTANCE
- SAVINGS

- FLEXIBILITY OF USE
- HIGH-PERFORMANCE

ENERGY EFFICIENCY

EUROMAC2 roofs are distinguished by their **high energy efficiency**, ensuring optimum insulation and **significant energy savings**. Their ability to drastically reduce thermal bridges reinforces their position as a **sustainable solution**, contributing to the building's energy efficiency.

Example of an DPE¹ for a 133m² house built in EUROMAC2*.



1 - French Energy efficiency measurement survey

*This study takes into account the fact that the entire energy system of this building is electric with the 2023 french energy mix

PROJECT ADAPTATION



MULTI-PANE ROOFING

EUROMAC2 roofs adapt perfectly to complex configurations, ensuring waterproofing and optimum insulation.



MOUNTAIN HOMES

EUROMAC2 roofs comply with French extreme snow load standards.



COLLECTIVE / LARGE PROJECTS

EUROMAC2 roofs are ideal for collective buildings, offering robustness, thermal insulation and compliance with safety standards.

SOLAR PANELS



Solar panel solutions can be installed on Euromac2 roofs using the various systems available on the market (tile-mounted panels, integrated panels, solar tiles, etc.). Our roofs are designed to be compatible with a majority of solutions.

ACHIEVEMENTS



LEADER IN HIGH-PERFORMANCE HIGH-PERFORMANCE BUILDING MATERIALS

SINCE 1976



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DISCOVER OUR OTHER DOCUMENTATION



DALLES COFRANTES ISOLANTES

POUR CONSTRUCTIONS HAUTE PERFORMANCES



EUROMAC2 CONSTRUCTIONS HAUTE PERFORMANCES

CSTB

Europass

CE

ISO 9001

ISO 14001

ISO 45001

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