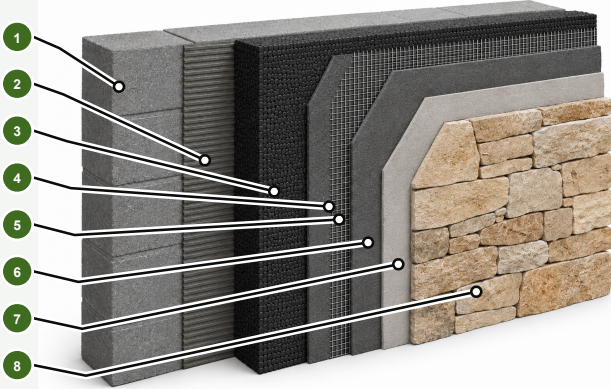


# NATURAL STONE FAÇADE SYSTEM

MALLORCA NATURAL STONE VENEERS AND INSULATED FAÇADE FINISH

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## SYSTEM OVERVIEW

External insulation, reinforced base coats and Mallorca natural stone form a durable, thermally improved façade. Adhesive, support and joints must suit the stone weight, substrate and exposure. Final design remains project-specific.

## WHY ECOVIVA

- Independent renovation guidance
- Local Mallorca expertise
- Project-specific technical verification
- One point of contact from concept to completion

## EIGHT-LAYER NATURAL STONE FAÇADE BUILD-UP

- Structural wall substrate**  
Prepared masonry or mineral wall supporting the complete façade system.
- Adhesive mortar**  
Compatible mineral adhesive securely bonding the insulation to the substrate.
- Graphite EPS façade insulation**  
High-performance external insulation helping reduce heat transfer.
- First reinforcement / base-coat layer**  
Compatible mortar forming the base for the embedded reinforcement mesh.
- Alkali-resistant reinforcement mesh**  
Glass-fibre mesh fully embedded with correct overlaps and connections.
- Second levelling / finishing base coat**  
Stable, even substrate for the subsequent natural stone finish.
- Stone adhesive**  
Flexible adhesive selected for the stone type, weight and exposure.
- Mallorca natural stone veneer**  
Selected natural stone creating a durable finish with authentic local character.

## KEY TECHNICAL PRINCIPLES

**SUBSTRATE PREPARATION**  
The structural wall must be stable, clean, sufficiently even and suitable for the complete bonded façade build-up.

**THERMAL CONTINUITY**  
Continuous external insulation reduces winter heat losses, limits summer heat gain and supports stable internal surface temperatures.

**REINFORCEMENT AND LOAD TRANSFER**  
Reinforcement, stone adhesive, starter rails, anchors and supports must be designed for stone weight and façade conditions.

**COMPLETE SYSTEM COMPATIBILITY**  
Adhesives, insulation, reinforcement, profiles, waterproofing, fixings and stone must form a compatible, project-verified system.

## EXAMPLES OF COMPONENTS USED IN THE SYSTEM



## KEY BENEFITS

- LOWER HEATING AND COOLING DEMAND**  
Continuous insulation reduces winter heat loss and limits summer heat gain.
- REDUCED THERMAL BRIDGES**  
A continuous envelope helps limit local weak points around the wall.
- AUTHENTIC MALLORCA APPEARANCE**  
Natural stone preserves the character of traditional Mallorcan architecture.
- PROTECTED BUILDING FABRIC**  
The external system helps protect the wall from weather and thermal fluctuations.
- DURABLE PREMIUM FINISH**  
Correctly detailed natural stone creates a robust, long-lasting finish.

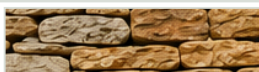
## IMPORTANT TECHNICAL REQUIREMENTS

Use compatible components selected for substrate, insulation, stone weight, height and exposure. Verify support, waterproofing, movement joints, drainage, fire performance and connections. Design and execution must meet the CTE and project requirements.

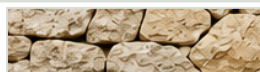
## SELECTED MALLORCA NATURAL STONE VENEERS



Heras



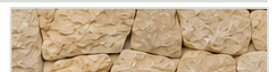
Mantel



Coria



Calonge



Cadaqués



Mansilla



Toix Blanca



Cuarcita Multicolor



Tor Terra



Toril Gris

Indicative selection only. Final colour, texture, joint appearance and availability must be confirmed using approved physical samples.