

isomat

building quality

PREMIXED PLASTERS



isomat

building quality

CEMENT BASED PLASTERS

We offer a full range of cement based premixed plasters for

- spatterdash coat,
- base coat,
- final coat with smooth or coarse grained surface – white or colored,
- One coat plaster (replacing base coat and final coat)
- plasters for external thermal insulation systems, and
- a special renovation plaster for repairs of walls damaged by salt and humidity



ACRYLIC BASED PLASTERS

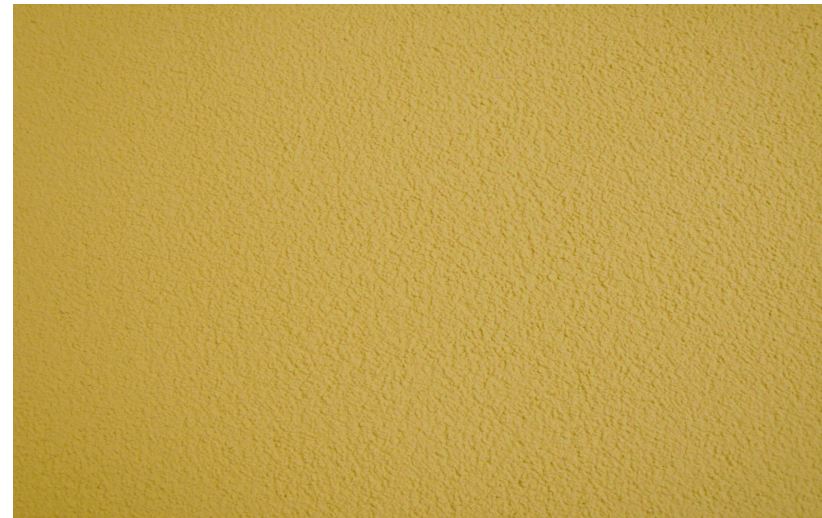
They are used as a final coat, replacing the last coat of plaster and the paint.

They offer high elasticity, color stability, waterproofing and weather resistance.

Available in 305 selected colors



MARMOCRYL FINE

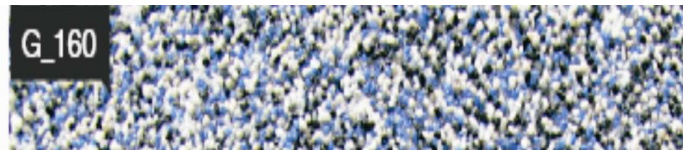


MARMOCRYL DECOR



MARMOCRYL GRANIT

Acrylic, pasty coating with a granite-like finish



SILICONE BASED PLASTERS

(Marmocryl silicone fine/decor)

They are used as a final coat, replacing the last coat of plaster and the paint.

Compared to the acrylic plasters they offer higher elasticity and higher vapor permeability.

Available in 305 selected colors



PRIMERS FOR PLASTERS

They ensure the maximum bond strength of a plaster to the substrate (masonry, concrete, plaster)

They prevent dehydration of the plaster from the substrate which can cause discoloration or poor bond strength

They harden weak substrates (plaster with poor abrasion resistance which produces dust)

There are specific primers which impregnate absorptive substrates (concrete, masonry, plaster) and others for non-absorptive or very smooth substrates which create a rough surface due to aggregates that they contain

isomat

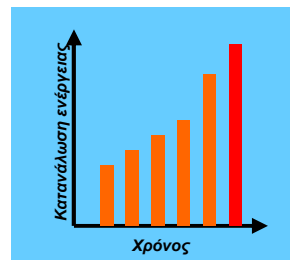
building quality



**EXTERNAL
THERMO-INSULATION SYSTEM**

In Europe the building sector:

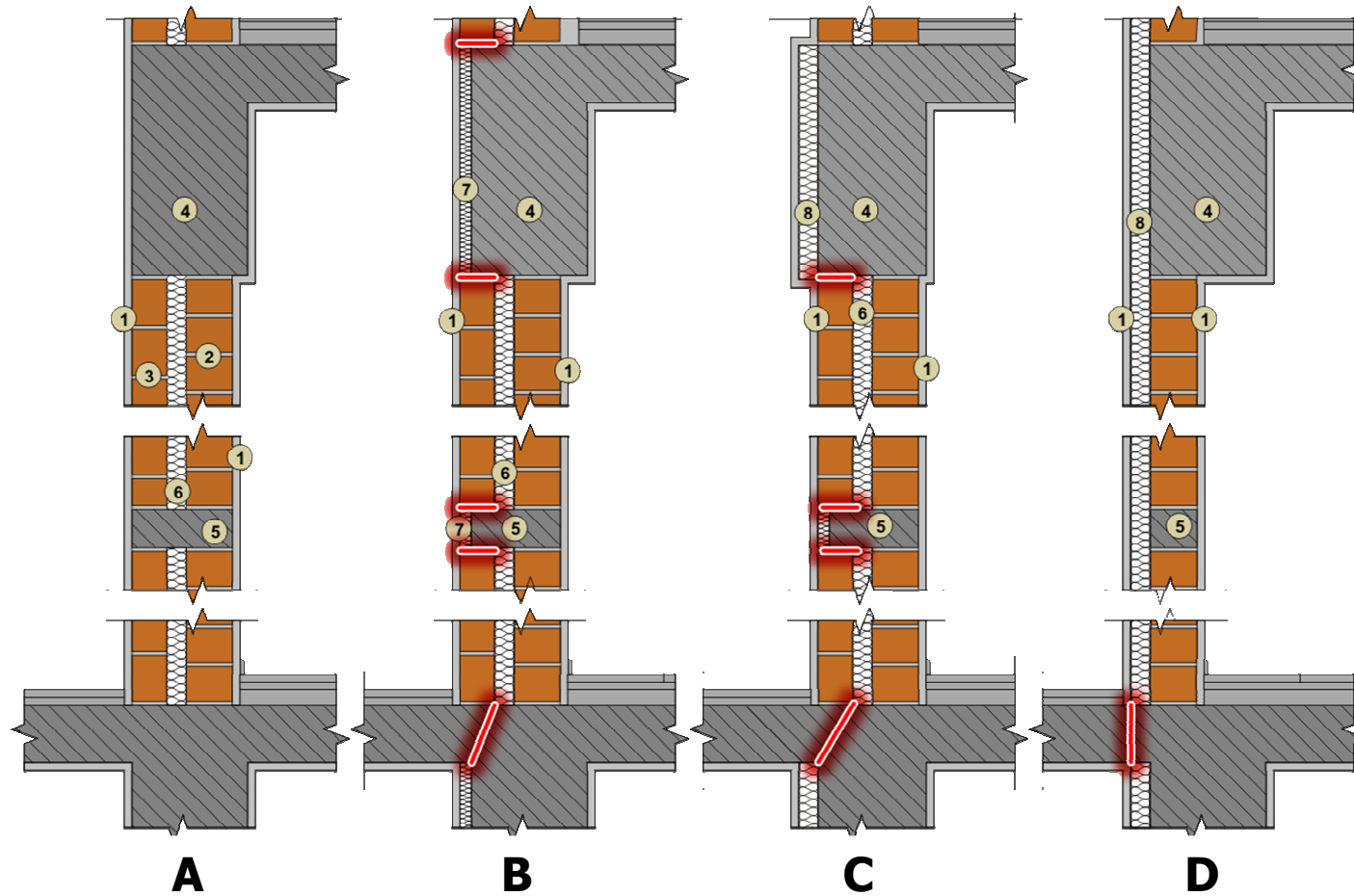
- Consumes 40% of the total produced energy
- Is the largest energy consumer exceeding the industries and the transportation sector.
- Emits 45% of the total CO₂ emissions



Thermal Bridges

Laboratory of Building Physics

School of Civil engineering, Faculty of engineering, Aristotle University of Thessaloniki

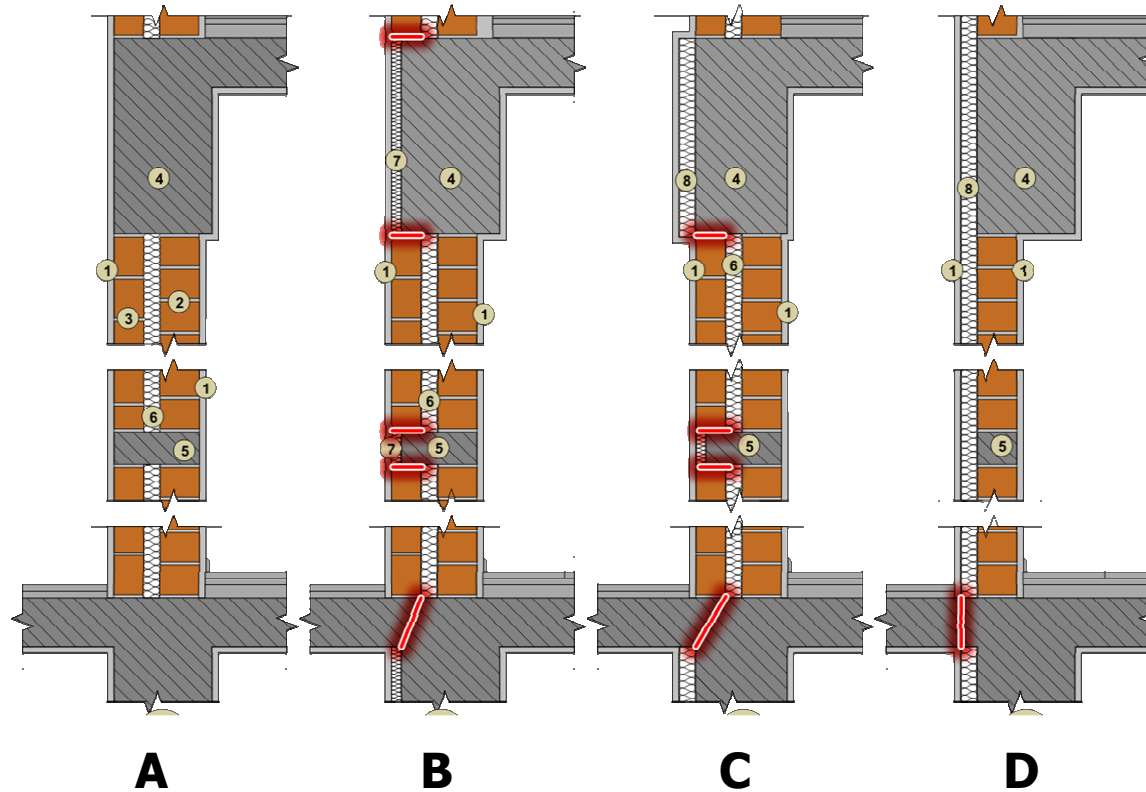


A: Insulation only in between the masonry wall

B: Insulation in between the masonry wall and inadequate on concrete (3 cm)

C: Adequate insulation

D: External thermal insulation system



Comparison of the required calculated heating load between external insulation and other cases (including the thermal bridges)

D-A: -50,55 %

D-B: -30,67 %

D-C: -18,11 %

isomat

building quality

ISOMAT THERMOSYSTEM APPLICATION GUIDE



isomat

building quality

ISOMAT THERMOSYSTEM APPLICATION GUIDE



ISOMAT THERMOSYSTEM APPLICATION GUIDE



isomat

building quality

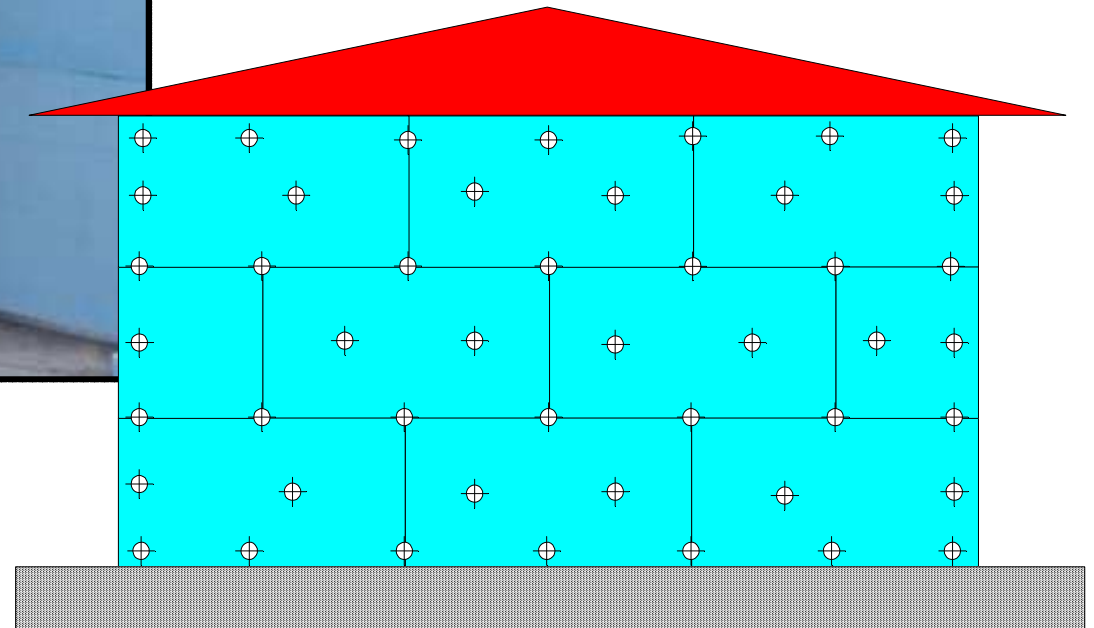
ISOMAT THERMOSYSTEM APPLICATION GUIDE



isomat

building quality

ISOMAT THERMOSYSTEM APPLICATION GUIDE



isomat

building quality



isomat

building quality

ISOMAT THERMOSYSTEM APPLICATION GUIDE



isomat

building quality

ISOMAT THERMOSYSTEM APPLICATION GUIDE



ISOMAT THERMOSYSTEM APPLICATION GUIDE



ISOMAT THERMOSYSTEM PRODUCTS



ISOMAT AK-T33 adhesive for insulation panels

ISOMAT AK-T35 used as an adhesive for insulation panels and for creating the mesh reinforced layer before the plaster



ISOMAT THERMOSYSTEM PRODUCTS

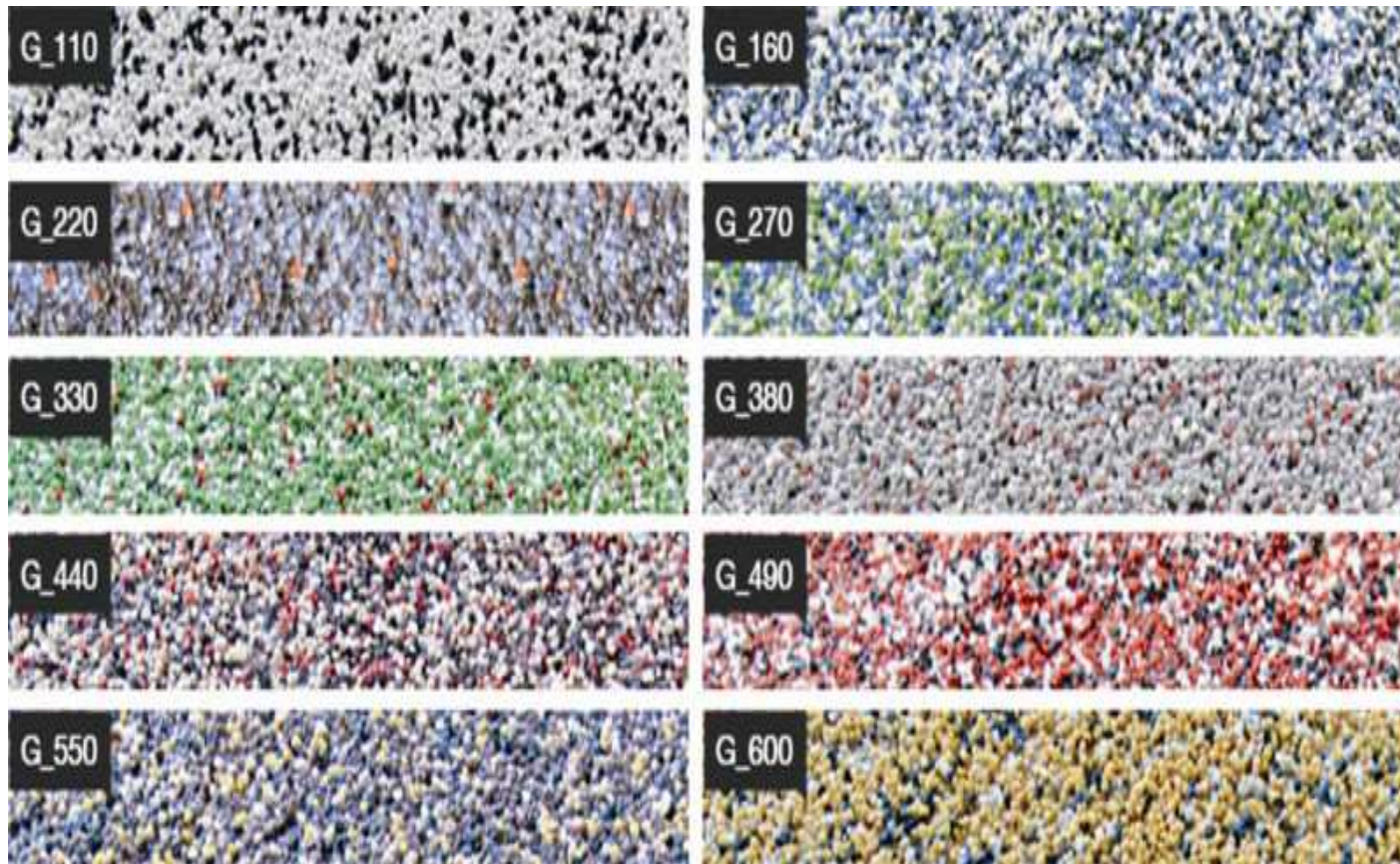


Acrylic or Silicone based plaster

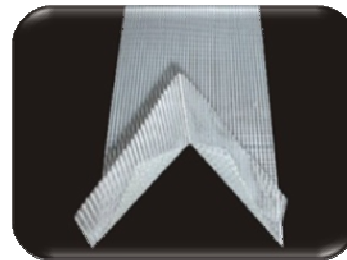
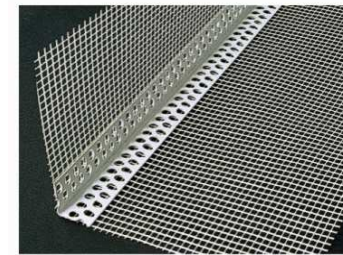
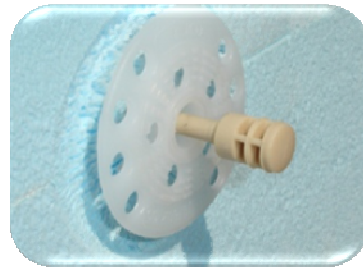
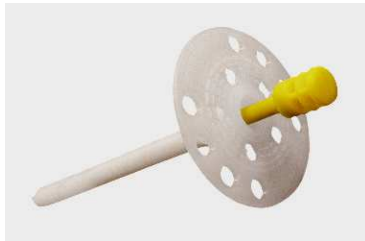


Available in 305 colors

ISOMAT THERMOSYSTEM PRODUCTS



Auxiliary materials: Dowels, PVC corners with fiberglass mesh etc.



isomat

building quality

Thank you for your attention!