





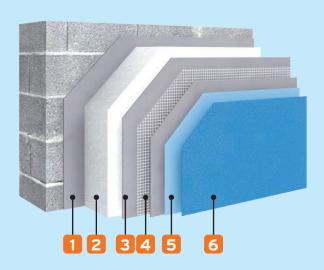


### IMPROVED THERMAL PERFORMANCE

Eliminate thermal bridges by wrapping the external façade in insulation. By insulating the outside walls, they retain their thermal inertia and the insulation works twofold: in the winter as a heat insulator to prevent valuable heat loss, and in the summer as thermal barrier to prevent overheating. This creates a very pleasant and stable indoor temperature, regardless of the season.

#### **Benefits:**

- > Outstanding Price / Quality Ratio
- > High Durability
- > Flexible System
- > Ease of Maintenance
- > A Wide Range Of Finish Options
- > For New and Renovated Constructions

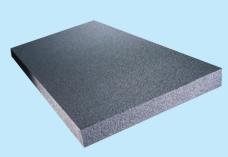


#### **System Structure**

- 1. Adhesive Mortar
- 2. EPS Polystrene (white or grey) Insulation
- 3. Reinforcement Mortar
- 4. Reinforcement Mesh
- 5. Primer
- **6.** Finish: Organic Plaster, Mineral Plaster, Paints or Brick Slips













# CAVITY WALL INSULATION

GRANT UP TO €1,700

#### **Bonded Bead Cavity Wall Insulation**

Cavity walls are built with an inner and outer wall (leaf) with a cavity in between. Designed for keeping rain and moisture out they offer very little in the way of thermal insulation.

Energlaze insulation injects Expanded Polystyrene (EPS) bonded beads into the wall cavity of your home to form an insulating mass, which significantly reduces thermal transmittance throughout the cavity.

With the application of the bonded bead, the wall cavity is still able to breath and as the bead does not absorb moisture it will not transfer across the cavity to the inner leaf.





## ATTIC INSULATION

GRANT UP TO €1,500

#### **Roll Out Insulation**

An extremely high performance quality thermal insulation roll designed for a wide range of applications where space is at a premium and high acoustic and thermal performance is a must.

#### **Spray Foam Insulation**

Spray foam insulation can be installed in both new and existing homes, and even in the most unusual designs. It adheres to wood and steel frames alike and is effective in any climate.

Practicing building science, also known as a "systems approach," means accounting for the ways all building components interact, including the foundation, walls, roofs, doors, windows, insulation and mechanical systems. Doing so is critical to optimize building performance and prevent building failures.





#### **SEAI Grants**

There are significant grants available for qualifying homes under the Sustainable Energy Authority of Ireland (SEAI) Better Homes scheme. Energlaze is an SEAI approved installer and can help maximise any available grants.

#### Attic Insulation: (homes built before 2011)

- > Apartment = €800
- > Mid-Terrace = €1,200
- > Semi-detached (or end of terrace) = €1,300
- > Detached house = €1,500

#### Cavity Wall Insulation (homes built before 2011)

- > Apartment = €700
- > Mid-Terrace = €800
- > Semi-detached (or end of terrace) = €1,200
- > Detached house = €1,700

#### Internal Insulation (Dry Lining) (homes built before 2011)

- **>** Apartment = €1,500
- Mid-Terrace = €2,000
- > Semi-detached (or end of terrace) = €3,500
- > Detached house = €4,500

#### External Insulation (Wrap) (homes built before 2011)

- > Apartment = €3,000
- > Mid-Terrace = €3,500
- Semi-detached (or end of terrace) = €6,000
- > Detached house = €8,000

#### Note:

Part L of the Building Regulations require that after any alteration to a minimum of 25% of your home's surface area, either:

- your home achieves a minimum B2 BER rating
- your heating system and attic insulation comply with the Building Regulation standards

