

## Right time to think differently about insulation is now!

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According to information published by Sustainable Energy Ireland many Irish houses, particularly those built before 1980, are very wasteful of energy.

Although when You think about the house of Your dreams it is not the insulation that comes in the centre of Your attention. But definitely Insulation is one of the main aspects how to make Your home comfortable and energy efficient.

Collateral to that we offer to fashion Your house with real Brick external walls with all of the insulation benefits that is offered by regular insulation.

## Increase the value of Your house and minimize expenses

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The clothes make the person look compelling, but the value of Your house is its quality, interior design and of course the look of external walls. It is the business card according to which others will estimate You. If you think about making the appearance of your house more attractive and more valuable, we have a suggestion for you – the insulating Brick foam from Haacke®.

In order to guarantee You a valuable look, Haacke® uses only bricks from hard baked clay. This makes the front of house more durable against mechanical impacts, reduce the requirement of extensive cleaning and diminish annual maintenance costs like painting, improving and renovation of external walls. Additionally to that this Brick foam are resistant to weathering influences and are breathable.

## The Professional's choice

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Building professionals choose Haacke® because of the high quality, customer satisfaction, easy usage and more that 45 years of experience with the patented Haacke® Brick foam. You can turn to us for products and solutions on how to insulate Your home easy and rapidly. Haacke® Brick foam has unique characteristics and patented composition therefore it will give You high efficiency, first class look for Your house and long life.

## Product Description

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This product is intended for use in residential or commercial construction as thermal insulation of external walls. Haacke® Brick foam is designed as clay bricks fitted into high quality foam providing good insulation properties and protecting moisture penetration from wind driven rain into house. The material is easy to install and colours for the material suits for various tastes. Detailed information please see on our website – [www.sangaltd.com](http://www.sangaltd.com)

## Product benefits

**Choosing insulating external walls with Haacke® insulating Brick foam You will save time – it is easy to do it yourself and You can save on construction works. There is no need anymore for:**

- Special and expensive equipment or trainings and previous skills to work with material
- Rapidly drying materials (glue, cement, paints etc.) for installation of insulation that should be used in limited time, otherwise becoming useless
- Being concerned about tiny shards of glass irritating your eyes, lungs, and skin causing burning and rashes
- Worrying about fibreglass particles getting into clothing, carpets, and heating ducts
- Allowing drying insulated walls, regular painting or maintaining existing insulation.



**Comparing with other insulation materials only Haacke® insulating Brick foam provides all of these properties:**

- Easy installation reducing invested labour (can be done by yourself)
- Thermally efficient with better coverage, won't settle, rot or decay good insulation quality – tested and improved for more than 45 years
- Variety of colours and thickness for all kind of tastes
- Environmentally sustainable, protecting from moisture and mildew
- Lasts for life of the house to reduce energy demand and costs lowering energy bills
- Does not absorb moisture, good sound absorption; reduces noise level wherever applied.

## Installation

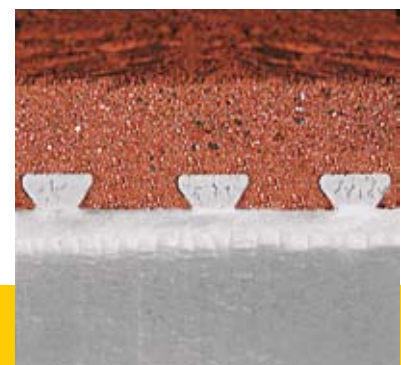
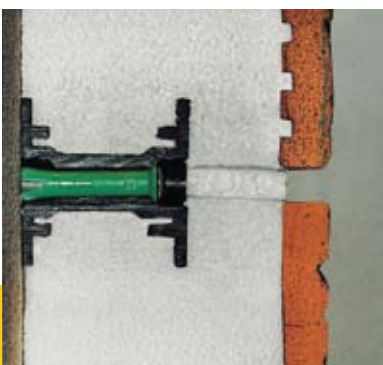


The Haacke® Brick foam has been used for more than 45 years for the building of outside walls. The elements consist of valuable brand name bricks with a thickness of approximately 15 mm which are connected with Haacke® hard foam in a form-closed manner (without glue).

The fixation shells which are foamed into the individual system parts offer an optimal track for screws and plugs ensure a steady interlocking of the elements to the wall and prevent the heat insulation from being pressed together. The fixation is realized with Nirosta® screws (A4) and plugs. After the screwing, the screw heads are covered with Styrofoam plugs to avoid heat bridges.

On the back side the stones are supplied with conical impressions (dove tail) in which the heat insulation is foamed in so that there is an enduring form-closed connection of both materials. Haacke® insulating Brick foam can be assembled on almost any subsurface without

carrying out extensive pre-treatment. All common outer wall materials are suitable, whether it be old bricks, expanded cinder concrete, foam concrete, cinder stone, limestone or even porous clinker pre-brick stone, plastered or other type of walls as well as prefabricated house walls.

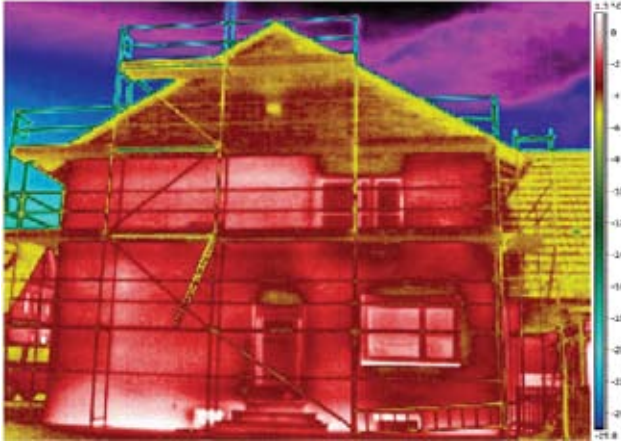




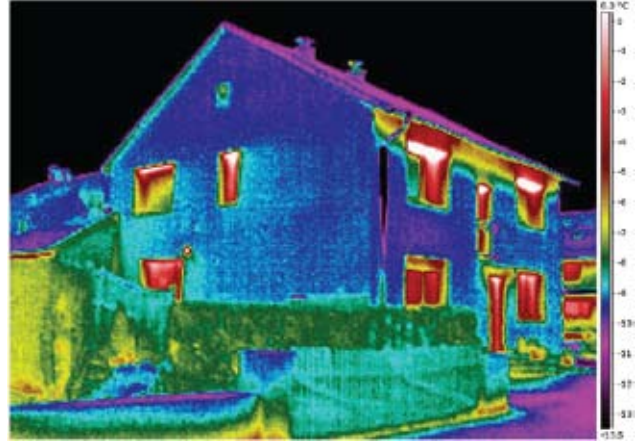
## U value and efficiency

After insulating Your house with Haacke® insulating Brick foam You will achieve needed U-values and save on energy bills. We provide several types of material thickness, therefore You can reach Your needed U-value. Our tests approve that heat loss can be prevented substantially. Detailed U-values can be found on our website: [www.sangaltd.com](http://www.sangaltd.com)

Before Insulation

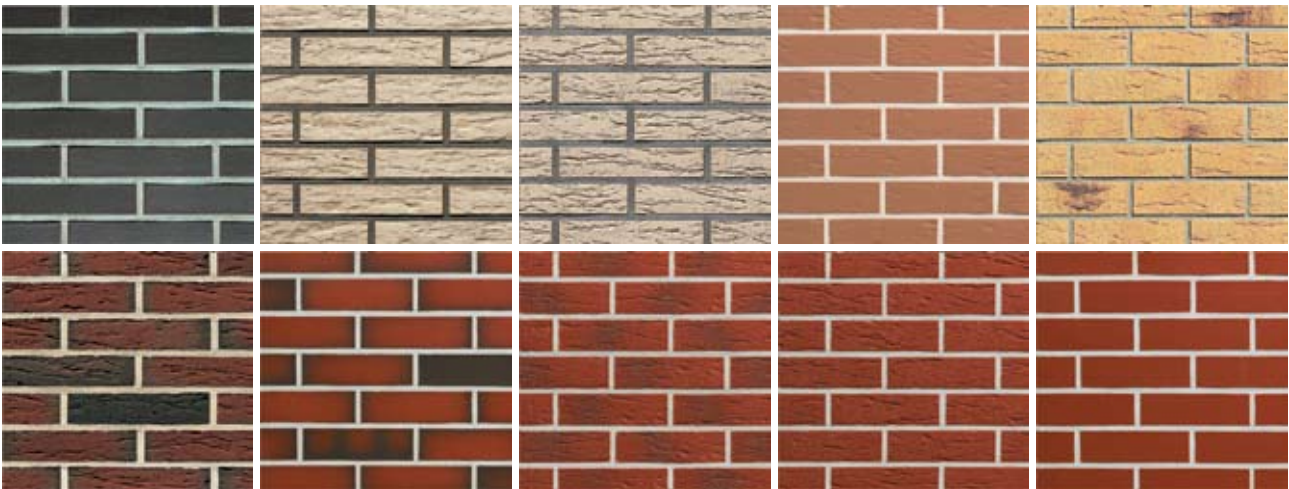


After Insulation with Haacke® insulating Brick



## Variety of colours

Haacke® insulating Brick foam is available in many different colours suitable for every taste. Choosing the right insulation, fashion is the added value that increases the value of Your house! For other colours check our website.



## Quality control

Haacke® insulating Brick foam are approved by the construction authorities that ensure high and constant quality which is continuously monitored by production specialists and additionally by the Material Testing Institute of Hanover.

For questions regarding detailed specifications, installation practices, costs and realized Projects please visit our website: [www.sangaltd.com](http://www.sangaltd.com)



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# HAACKE insulation Brick foam



Insulation of Your house external walls with  
**HAACKE insulation Brick foam** helps You to Live better and

- ✓ Save money
- ✓ Protect environment
- ✓ Improve the look of Your house!

**HAACKE®**