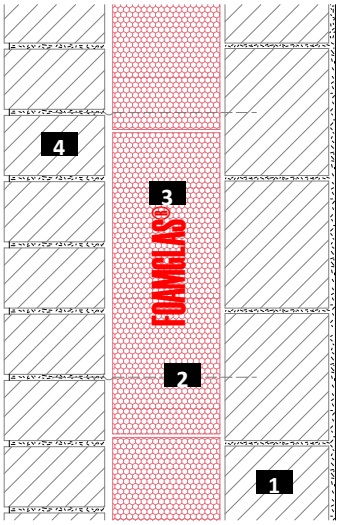
Cavity wall insulation

FOAMGLAS® mechanically fixed

FOAMGLAS® Building

Schematic drawing

System 2.9.4



1 Interior wall (brickwork/concrete)
2 Wall tie and retaining clip
3 FOAMGLAS® mechanically fixed
4 Outer wall (brickwork)

FOAMGLAS® product propreties

Waterproof – Resistant to vermin – High compressive strength – Non-combustible – Impervious to water vapour – Dimensionally stable – Acid resistant – Easily cut to shape – Ecological

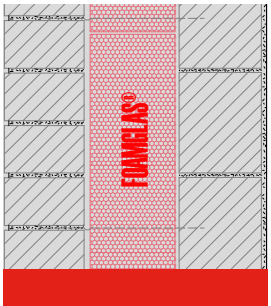
Advantages of the FOAMGLAS® system

- Quality: Systems with high quality materials. Quality management by systematic site inspections and professional consulting.
- Cost efficiency: The high durability preserves maximum value and guarantees minimal maintenance costs.
- Sustainability: Optimum insulation and protection against moisture for generations.
- Safety: Compact, fully bonded insulation system preventing damages caused by damp either through condensate or water penetration. Cellular glass contains no toxic substances and, in case of fire, does not develop fumes or toxic gases.
- Functionality: Minimal thermal bridges through thermally optimized fixing system. Insulation and moisture barrier in one single functional layer.

Recommendations for architect

Normally used:
FOAMGLAS® BOARD T4+.

- Insulation thickness to meet building regulations or project specific U-value requirements. Please also consult our product overview. It contains information on all our products, their field of application and their specific properties.
- The flatness and the general conditions of the substrate are important criteria when using FOAMGLAS® (see TG1). Please contact our Technical Department to verify the criteria for the substrate.
- For a technically correct implementation, relevant standards and guidelines must be observed.



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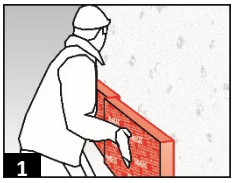
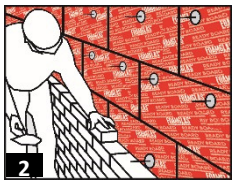
Installation instructions

- Fixing aid and mechanical fastening of the FOAMGLAS® in the base area and at lintels (e.g. support bracket).(1)
- Push board against already installed boards with staggered and butted joints.
- Fix the walling anchors to the substrate. Type and number of walling anchors depending on the type of walling, the substrate and the structural requirements.
- Construct the external wall of brickwork. (2)





Recommendations for the contractor

- The build up and tolerances of the substrate must be in accordance with relevant standards and guidelines.
- Substrate and ambient temperature should not be below +5°C.
- Protect sensitive components provided by other suppliers against blobs of adhesive.
- Please contact our technical consultants; they can help you by providing support or on-site assistance free of charge

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