FOAMED GLASS AGGREGATES

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foamed glass aggregates are ideal for numerous applications for house-building and home construction. Foamit aggregates are some of the lightest aggregates on the market. A major benefit of their lightweight quality is it makes for easy installation and more efficient transportation. Foamed glass aggregates weigh only ~210 kg/m³ (bulk density +/- 15%).

The unique cell structure of the foamed glass products gives an excellent low level of thermal conductivity (in a dry state of about 0.1 W/mK) for insulation purposes. Foamed glass aggregates are good to work with and to install. They have a steep friction angle providing superior support for foundations or in the sub-base of a building.

Foamed glass aggregates are non-flammable. Another benefit is their excellent performance as a freely-draining layer, for example in foundations, in pipe trenches and under sub-bases.

Foamed glass aggregates are prepared from purified recycled glass. Due to the preparation of the constituent materials and the manufacturing process itself, Foamit foamed glass products contain no organic materials.

**APPLICATIONS**

- Sub-bases
- Limecrete floors
- Back-filling, for the reduction of horizontal load and increased insulation
- Crawl spaces
- Roofs
- Green roofs

**FOAMIT 10 (3-10mm)**
- The finest interior fill-material, e.g. for sloping floors in tiled bathrooms.
- Horticulture: various garden applications
- In landscaping and in green roofs.
- Limecrete, in lime screed mixture.

**FOAMIT 20 (10-20mm)**
- In upper and intermediary floors, and in roof structures.
- Fine interior fill-material, e.g. for sloping floors
- Around pipework in trenches.
- In conventional and green roof structures.

**FOAMIT 30 (20-30mm)**
- In sub-bases and crawl space underlays, for thermal insulation and lightweight fill
- In limecrete floor structures, for high compression strength, breathability and resistance to damp penetration.

**FOAMIT 60 (0-60mm)**
- In yards, driveways and pipeline construction: for frost-insulation, bulk-lightening and for drainage.