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Foamit[®]

FOAMED GLASS AGGREGATES



FOAMIT 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.

