



FOAM GLASS

A-GLASS foam glass is a thermal insulation made of recycled waste glass. It is highly durable, load bearing, non-absorbent, frost-resistant, fire-resistant, resistant to other external materials etc. It is modern ecological building material which is 100 % recyclable.



FOAM GLASS

USE AND VARIANTS

A-GLASS foam glass offers a modern solution for thermal insulation of foundation slabs, floors and roofs. It is widely used in building foundations, terrain modeling, pipe backfills, insulation backfills and building reconstructions as a suitable replacement for classic polystyrene.

Available variants of A-GLASS foam glass

- Foam glass plates - dimensions 800 x 600 mm, thickness 40-150 mm
- Foam glass gravel - gravel with a grain size of 0-63mm



PROPERTIES OF A-GLASS FOAM GLASS

- excellent thermal insulation
- high compressive strength
- low bulk density
- resistance to external influences
- non-flammability
- recyclability
- medical harmlessness
- frost resistance
- the material is non-absorbent (has closed pores)



USE OF FOAM GLASS

- houses
- halls
- swimming pools - insulating backfills
- floor reconstruction
- ceilings, vaults, green roofs
- backfills of damp walls
- service communications
- historic buildings



WHY INSULATE WITH A-GLASS FOAM GLASS?

A-GLASS foam glass has several exceptional properties compared to other thermal insulators. It is highly **compressible** without deformation, which polystyrene-based thermal insulation cannot handle. You can easily imagine the result. A-GLASS foam glass is **non-absorbent**. If you permanently soak A-GLASS foam glass in water, it will never absorb the water. In practice, this means that moisture will never rise towards the base plate with the A-GLASS thermal insulation base.



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