

FOAMGLAS® INSULATION



Hot storage tank base applications



Our distinctive properties

The tank wall and its roof are the biggest sources of energy losses when a storage tank is completely filled. This is why the bottom of hot tanks is often overlooked. The situation is somewhat different when the tank is partially filled. Even if the storage tank is filled for only 10%, the tank bottom is always in 100% contact with the hot liquid which is why it is so important to have a good thermal insulation system in place.

Thermal insulation

FOAMGLAS® offers good insulation properties with a stable and a never worsening lambda value.

Universally applicable

Regardless of the content and / or material of the tank, all tank floors can be insulated with FOAMGLAS® insulation.

Compressive strength

FOAMGLAS® HLB insulation provides a very high compressive strength that can easily withstand high loads.

Compressive strength is depending of the FOAMGLAS® HLB insulation' grade, please consult our technical data sheets for the compressive strength per grade.

Acts as a vapour barrier

FOAMGLAS® insulation is an impermeable barrier against rising water vapour and moisture, protecting the tank bottom against corrosion.





The advantages of a FOAMGLAS® insulation system

Short payback period

Depending on storage temperature, insulation thickness and energy costs, the payback period when insulating the bottom of your storage tank bottom with FOAMGLAS® insulation can start as low as just a few months to two years.

Protection of the base slab against high operating temperatures

FOAMGLAS® insulation protects the substrate (concrete base slab) against high temperatures. This increases safety and longevity.

Simple design with profitable installation costs

FOAMGLAS® insulation offers a simple alternative for the insulation of tank bottoms. The installation costs are reduced by the simplicity of construction and the use of economic materials.

FOAMGLAS® insulation can be installed with a built-in slope

FOAMGLAS® insulation can be delivered to the project site with a predefined built-in slope which makes it easy to create a fall for drainage. It also makes it possible to work with a flat base slab.

Long life cycle

FOAMGLAS® insulation is a proven, durable insulation material with a constant insulation value throughout its life cycle which often is longer than the life cycle of the tank itself.

Multifunctional

FOAMGLAS® insulation provides not only insulating benefits but also helps to prevent corrosion and can also be applied to all types of tanks (including stainless steel storage tanks).





FOAMGLAS®

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