GLAPOR®

Did you know?

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Why choose GLAPOR® SG600 Foamed Glass Gravel?

Clean, crisp installation: GLAPOR® SG600 recycled foamed glass gravel takes the place of separate hardcore and insulation in a conventional concrete floor.

Insulating – Class Leading Thermal Conductivity of 0.078W/m²k

Load-Bearing – Provides Excellent Compressive strength - 275KN/m²

Non-combustible

Made from 100% Recycled Glass, using renewable energy sources.

Lightweight – 95-120Kg per m³ Bag – Easy to install, Low impact construction: Ideally suited to sensitive sites such as churches over archaeology. Delivery costs are greatly reduced.

100% Recycled Glass, using renewable energy sources.

Resistant to fungi, mould, rodents and frost

H₂O

An ability to buffer moisture vapour: Ideal for use within existing solid wall properties

120mm Minimum Depth – Saving time and Material Costs.
sustainable building materials for healthier homes

The sublime insulated limecrete floor

Geotextile
Land-drain* (optional)
Run-off membrane

GLAPOR® SG 600 recycled foamed glass gravel

40mm cork board (Edge insulation optional)
Tŷ-Mawr lime slab

Geotextile
Geogrid
Clip rails for floor heating system (if required, not supplied by Tŷ-Mawr)

GLAPOR® SG 600 recycled foamed glass gravel

Subsoil

GLAPOR
FOAM GLASS PRODUCTS

Please contact us for a technical sheet or for u-value calculations, condensation risk analysis and/or quotations.
Please note that LABC registered detail only applies where Tŷ-Mawr has designed the build-up (free of charge) and supplied the materials.

Sylfaen insulated foundation systems

Option 1 - Reinforced Concrete Slab

Option 2 - Tŷ-Mawr Limecrete Slab

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