GEOCELL Foam Glass Aggregate

Price: £86.00 - £208.00 Excl. delivery & VAT

Product Categories: Expanded Clay & Foam Glass, GEOCELL, Limecrete Floor Systems


Product Page: https://www.mikewye.co.uk/product/foam-glass-insulation-aggregate/

Product Variants

- GEOCELL Foam Glass Aggregate (Grading: 10/60 mm Standard, GEOCELL unit sizes: 1 m³ bulk bag
- GEOCELL Foam Glass Aggregate ()Grading: 10/60 mm Standard, GEOCELL unit sizes: 2 m³ bulk bag

- GEOCELL Foam Glass Aggregate ()Grading: 10/30 mm Fine, GEOCELL unit sizes: 1 m³ bulk bag

- GEOCELL Foam Glass Aggregate ()Grading: 10/30 mm Fine, GEOCELL unit sizes: 2 m³ bulk bag

Product Description

Foam Glass Aggregate by GEOCELL®. A high quality insulation hardcore made from 100% recycled glass.

GEOCELL Foam Glass Aggregate is an insulation material for underground use. Recycled foam glass aggregate saves energy and also contributes to a comfortable indoor environment.

An LABC Certified product, GEOCELL Foam Glass is both economical and environmentally sound.

EXCELLENT INSULATION VALUES - lambda = 0.08 w/mK.

STRONG - due to its cell structure, GEOCELL provides excellent compressive strength.

NON-CAPILLARY, NON-COMBUSTIBLE - comprised of closed cells and do therefore not absorb water. Classified as an A 1 fire resistant building material.

STABLE - inert and resistant to insects and rodents.

SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY - made from 100% recycled glass and essentially pH-neutral.

CE CERTIFICATION - CE Mark that meets the requirements of the applicable EC directives.

SAVES TIME AND MONEY - quicker to install than other methods and can
therefore cut labour time and cost.

**We do the maths!**

It can be complicated working out volumes and U-values. So just tell us what you need and we will work it out for you. For example, we can calculate all the design information you need for your floor: thickness, insulation values using our accredited design programme, along with full material quotes including delivery.

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**Foam Glass Uses**

Foam glass aggregate (or gravel) by GEOCELL is extremely versatile because of its unique characteristics. It is light weight, load bearing, draining, fire resistant and insulating.

Foamed glass aggregate is a sustainable replacement construction material for:

- Foundation details.
- GlassCrete (limecrete) floors.
- Sub-base for modern floor slabs.
- Timber frame floor (without slab).
- Green roofs and landscaping.
- Slope stabilization.
- Lightweight back fill (vaulted ceiling).
- Sports turf/arenas.

Recycled foam glass aggregate is used in the same way as coated clay aggregate. However, it is also capable of being used as a load bearing hardcore. It also offers better insulation (approximately 20% better in thermal performance than lightweight expanded clay aggregate). It therefore needs less depth to achieve a similar thermal performance.
Selecting an appropriate insulation is especially crucial in old buildings. **GEOCELL** Foam Glass combines a drainage layer and insulation in a single product, thus reducing depth.

Suitable for insulation sub-bases in single/multi family houses, schools, swimming pools and even more......

**GEOCELL** is unaffected by water and is environmentally green. **GEOCELL** is made from waste glass that can also be reused or recycled again.

For examples of **GEOCELL** Foam Glass used as part of limecrete floor systems please visit www.limecrete.net.

For large projects, direct loads up to 90 m³ are available with prices starting from £75+VAT per m³.

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**Product Attributes**

- Grading: 10/30 mm Fine, 10/60 mm Standard
- GEOCELL unit sizes: 1 m³ bulk bag, 2 m³ bulk bag, 90 m³ loose load

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**Product Gallery**