

KOOLFOAM GEOFOAM

(Light Weight Structural Fill)

Advantages of KOOLFOAM GEOFOAM

- Consistent block density
- Accurate straight blocks
- 800mm deep (less layers, less connectors)
- Will not rot or attract pest or micro organisms
- Inert (will not affect the environment in situ)
- 50 year or more durability



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(Light Weight Structural Fill)

Common Applications

- Bridge abutments
- Road construction
- Retaining wall back fill
- Sewer or pipe back fill (sensitive underground structures)
- Structural fill under buildings
- Structural slab fill



Compressive Strength tables

| Grade | Density pm3 | Compressive strength @1% (kpa) | Compressive Strength @10% (kpa) |
|-----------|--------------|--------------------------------|---------------------------------|
| SL (PODS) | 14kg to 16kg | 37 kpa | 76 kpa |
| S | 16kg | 50 kpa | 88 kpa |
| M | 20kg | 63 kpa | 120 kpa |
| H | 24 kg | 77 kpa | 130 kpa |
| VH | 28 kg | no results | 161 kpa |

Compressive strengths are averages over five separate test samples.

Pods have 30% minimum recycled content and are generally not load bearing but are void forms.

All KOOLFOAM EPS is produced in accordance with AS 1366 1992.

All KOOLFOAM EPS is produced with fire retardant raw material.



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