

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



www.koolfoam.co.nz

09 279 9611

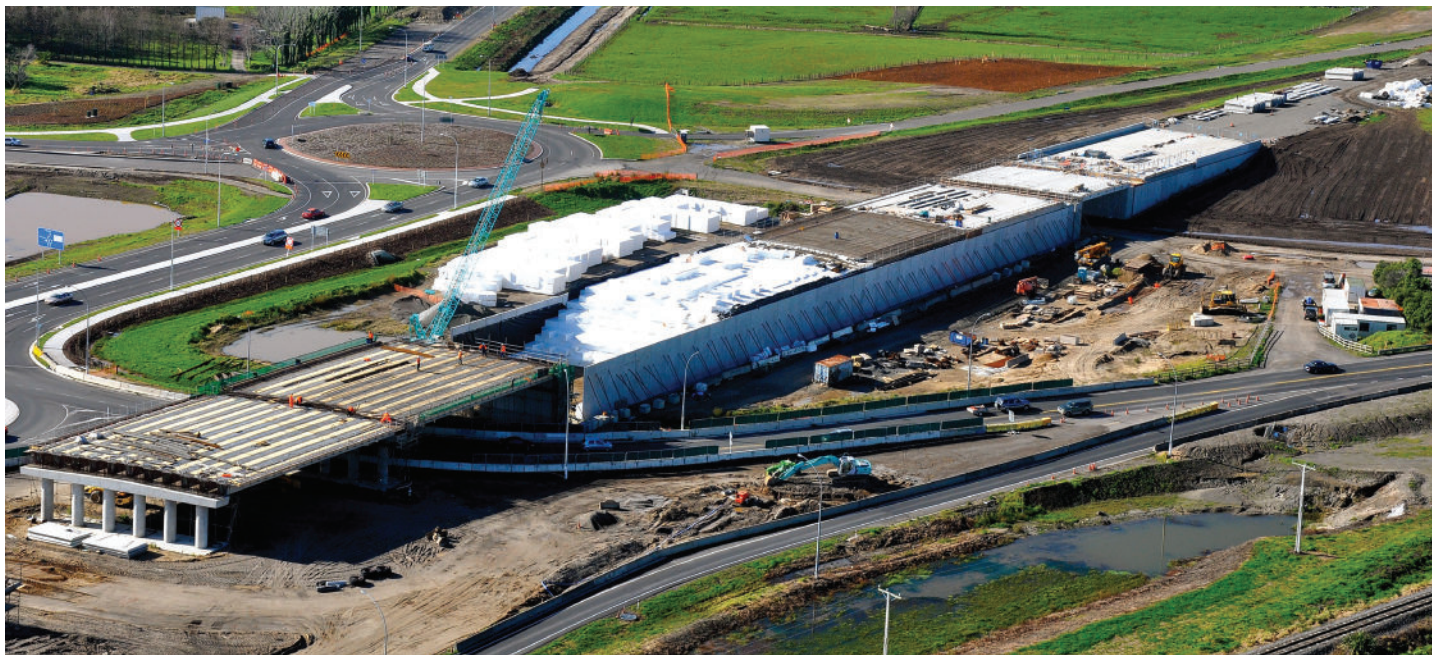
email koolfoam@xtra.co.nz fax 09 277 6704

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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



42,000m³ Koolfoam Geofoam supplied for the Tauranga Eastern link project 2013 through 2015.



Compressive Strength tables

Grade or Class of EPS	Density pm ³	Relevant standard	Compressive strength @ 10% compression (kpa)
SL	12 to 16 kg	AS 1366	70 kpa
S	15 to 16 kg	AS 1366	85 kpa
M	20 to 22 kg	AS 1366	105 kpa
H	24	AS 1366	135 kpa
VH	28	AS 1366	165 kpa

The tables represent minimum achieved standards in accordance with AS 1366 part 3 1992.

Individual tests may yield higher results for compressive strength versus density for EPS produced by Koolfoam Industries Ltd.

SL grade has recycled EPS content and is generally not used in load bearing applications. Primarily it is used as void form EPS for example Pods.

All Koolfoam EPS is produced in accordance with AS1366 part 3 1992.

All Koolfoam EPS is produced with fire retardant raw material.



Incorporated in 1981 located 34 Grayson Avenue
 Papatoetoe, Auckland, New Zealand
 Phone 09 279 9611 Fax 09 277 6704
 www.koolfoam.co.nz email koolfoam@xtra.co.nz