

DECLARATION OF PERFORMANCE
UKCA301



1. Product Type: **Foamglass 40**
2. Identification Code: **See delivery ticket**
3. Intended Use: **Buildings, roads and civil engineering works and the manufacturing of precast concrete products**
4. Manufacturer: **Foamed Glass UK Ltd, Long Lane, Great Heck, United Kingdom. DN14 0BT**
5. Authorised Representative: **Not applicable**
6. AVCP: **System 4**
7. Designated Standard: **BS EN 13055-1:2002 Part 1: Lightweight aggregates for concrete, mortar and grout**
8. ETA: **Not applicable**
9. Declared Performance:

Essential Characteristics	Performance		Designated technical specification
Particle shape	Angular, irregular		BS EN 13055-1:2002 Part 1: Lightweight aggregates for concrete, mortar and grout
Particle size, mm	20 - 40	mm	
Loose Bulk Density (average, dry)	290 (± 15%)	kg/m ³	
Percentage of Crushed Particles	NPD	%	
Cleanliness, organic contaminants	< 20 (Pass)	%	
Crushing Resistance (Procedure 1)	> 1.0	N/mm ²	
Composition / content	Chloride	0.00	
	Acid soluble Sulphate as SO ₃	0.22	
	Total Sulphate as SO ₄	0.26	
Volume stability resistance to disintegration	0.97	%	
Water absorption	5 mins	2.73	
	60 mins	2.73	
	24 hours	16.4	
	28 days	32.2	
Dangerous substances	Emission of radioactivity	NPD	
	Release of heavy metals	NPD	
	Release of polyaromatic carbons	NPD	
	Release of other dangerous substances	NPD	
Durability against freeze-thaw	NPD		
Durability against alkali-silica reactivity	NPD		

NPD = No property declared

10. The performance of the product identified in 1 and 2 is in conformity with the declared performance in 9.
This Declaration of Performance is issued under the sole responsibility of the manufacturer identified in 4.

Signed on behalf of the manufacturer: *A Denham* (Managing Director)
Flimby, Cumbria - February 2025

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See also Declaration of Performance: UKCA301