

Material Health and Safety Data Sheet

PRODUCT NAME: Lightweight & Dense Aggregate Concrete Blocks

**DESCRIPTION:
& APPLICATION** Lightweight aggregate and dense concrete building blocks for walls, foundations and flooring applications manufactured in various grades of strength and density and a range of sizes for use in the construction industry.



GRADES:

Lightweight 3.6N & 7.3N/mm² strength
1250-1400 kg/m³ dry density

Dense 3.6N, 7.3N and 10.5N/mm² strength (higher strengths available)
1900 – 2100 kg/m³ dry density

COMPOSITION:

Lightweight Cement, >90% recycled material (Furnace Bottom Ash, Glass Sand).

Dense Cement, Natural aggregates, >20% recycled material (Glass Sand).

GENERAL HAZARDS: Lightweight and Dense blocks are inert and can be regarded as non-hazardous within the meaning of the Health and Safety at Work Act 1974 and COSHH Regulations 1988. Suitable PPE (hard hat, gloves and safety footwear) should be worn as a matter of course when building constructions using concrete blocks.

EYE: Avoid dust getting into the eyes by wearing suitable eye protection when carrying out any cutting, drilling and chasing of blocks.
First Aid measures: If dust should irritate the eyes, wash with copious amounts of clean water. If irritation persists, seek medical advice.

SKIN: Avoid abrasion by wearing suitable gloves and clothing. First Aid Measures: wash with soap and water. Seek medical advice if irritation persists.

INHALATION Wear a suitable dust-mask when carrying out operations that can create dust.

INGESTION: First Aid Measures: drink plenty of water. Do not induce vomiting as this can lead to choking.

MANUAL HANDLING: The HSE Recommend a maximum of 20kg per block for single person repetitive lifting. Good manual handling practice should be employed at all times and specialist advice should be sought when dealing with blocks over 20kg in repetitive handling situations. *For further guidance see the HSE leaflet "Construction Information Sheet (CIS) 37".*

STORAGE: Supplied as banded packs, with or without wooden pallets and should be stored on firm, level ground. Care should be taken when un-banding the packs as individual blocks may fall over. We recommend a maximum of 4 packs high for storage on firm, level ground. On soft, loose or uneven ground do not stack higher than 2 packs. Thomas Armstrong Ltd will not accept any liability for damage to the product where the packs have been stored differently than in these recommendations.

DISPOSAL: Concrete blocks should be disposed of in accordance with local regulations.

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