

Material Health and Safety Data Sheet

PRODUCT NAME: Airtec Aerated Concrete Blocks



**DESCRIPTION:
& APPLICATION**

Aerated concrete ('aircrete') 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:

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|-------------------|---|
| Airtec XL | 2.9N/mm ² strength; 460kg/m ³ density |
| Airtec Standard | 3.6N/mm ² strength; 530kg/m ³ density |
| Airtec Party Wall | 3.6N/mm ² strength; 600kg/m ³ density |
| Airtec Seven | 7.3N/mm ² strength; 730kg/m ³ density |

COMPOSITION:

Cement; lime; aluminium and > 70% recycled material (pulverised fuel ash)

**GENERAL
HAZARDS:**

Airtec products 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 Airtec products.

EYE:

Avoid dust getting into the eyes by wearing suitable eye protection when carrying out any cutting, drilling and chasing of Airtec 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:**

Airtec blocks are some of the lightest masonry products available. 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:

Airtec blocks are supplied in banded, plastic-wrapped packs and should be stored on firm, level ground. Care should be taken when unwrapping and 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 any 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:

Airtec blocks should be disposed of in accordance with local regulations.

CONTACT:

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