

AIRIUM[®]

Roadfill

An efficient and cost-efficient road reinstatement material



A TECHNOLOGY OF

HOLCIM

Airium Roadfill

Airium Roadfill is an efficient and cost-efficient road reinstatement material compliant with the Specification for the Reinstatement of Openings in Highways. It typically exhibits self-levelling properties without compromising initial setting time. Airium Roadfill eliminates settlement, enabling complete resurfacing in one operation without the need for compaction equipment.

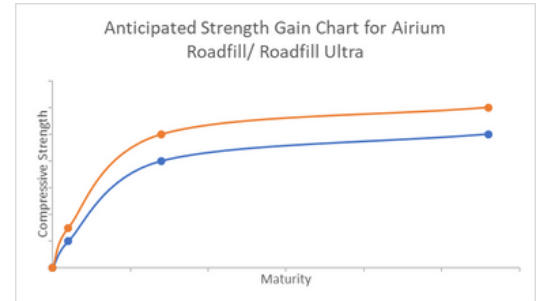
Products

Airium Roadfill
Airium Roadfill Ultra

Characteristics



Material Formulation	Airium Roadfill / Airium Roadfill Ultra
Mix Composition	Portland Cement / Fine Aggregate / Crushed Rock Fines / Water / Additives
Maximum Particle Size	5mm
Wet Density	1500 - 1800 kg/m ³
28 Days Compressive Strength	> 4MPa
Hardening Time	8-24 Hours
CBR Value (96 Hrs)	>200
RAM Class	RAM-3



Key Benefits



- **Accelerated Construction:** Airium Roadfill expedites construction by enabling trench reinstatement in a single operation, eliminating the need for traditional tests such as soil analysis and moisture content checks.
- **Durability:** Airium Roadfill boasts a stable foam structure that provides enduring stability and support to structures, while also reducing the risk of settlement or subsidence. Its resistance to freeze/thaw damage is enhanced by the controlled foam structure.
- **Self-Leveling and Compacting:** Airium Roadfill is ideal for inaccessible trenches where traditional compaction methods are impractical. It fully fills void spaces and completely surrounds and protects pipelines.
- **Ease of Placement:** Airium Roadfill requires no special equipment (e.g., vibrators/compactors) for compaction; it can be simply poured from the truck and levelled with a shovel.
- **Minimised Site Storage:** Airium Roadfill eliminates the need for on-site storage space, reducing traffic disruption caused by material delivery.
- **Versatility:** Airium Roadfill Ultra is adjustable to meet specific performance requirements, offering flexibility for diverse project needs.
- **Sustainability:** We offer carbon calculations and mix-specific Environmental Product Declarations (EPDs) for projects, with low-carbon options available, emphasising our commitment to sustainability.

Why Choose Holcim?

- **Expertise:** Our team possesses extensive experience and proficiency, guaranteeing excellence in every project we undertake.
- **Quality Commitment:** London Concrete maintains rigorous adherence to stringent quality protocols, ensuring the provision of dependable and long-lasting Airium Roadfill solutions.
- **Customer Focus:** We prioritise the satisfaction of our clients and aim to surpass their expectations in every aspect of our service delivery.
- **Robust Distribution Network:** London Concrete boasts a network comprising 11 cutting-edge production facilities, strategically positioned to serve regions within and adjacent to the M25 area comprehensively.
- **Innovative Approach:** We are dedicated to exploring and implementing cutting-edge technologies to fulfill the evolving needs of our clientele.



Technical Support

London Concrete Technical Services (part of the Holcim Group) will provide advice, support and assistance in all aspects of the selection and use of Airium Products.



For further information, to place an order or to speak to one of our Airium specialists, please contact the London concrete office: 0208 380 7300 or visit: www.aggregate.com/airium

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