

# FOAMFILL™



**FoamFill is a range of foamed concrete products produced under factory-controlled conditions and available in a range of grades from C1/2 to C3/4 compressive strengths.**

Being a cement-based product, FoamFill is suitable for placing as a trench reinstatement material and is an ideal product for situations where voids are required to be filled, such as subways, disused tanks, old swimming pools, etc.

FoamFill has the benefits over traditional reinstatement or void fill materials of improved plasticity, reduced porosity, reduced shrinkage properties, and due to its flowing properties, there are little entrapped voids.

## PRODUCT RANGES

C1/2	Ideal for reinstating trenches along pedestrian footpaths, mass void fill
C3/4	Intended for trench reinstatement on highways, in order to receive asphalt topping

Each of the above products can be tailored to bespoke designs to meet customer requirements.

## FEATURES & BENEFITS

- ▶ FoamFill is produced to the requirements of BS 8500
- ▶ Working life of up to 3 hours (other times can be designed for if required)
- ▶ FoamFill designed for overlaying at 1-2 days (on site conditions-dependent)
- ▶ Optimised flow ensures ease of compaction
- ▶ Can be placed by pump or direct discharge
- ▶ Factory-controlled production process means no need to mix on site
- ▶ Delivery from dedicated plants across the country

## APPLICATIONS

FoamFill can be used for general fill material applications as well as Pavement/Highway trench reinstatement. It is the responsibility of the Contractor to ensure that FoamFill has gained sufficient strength for the covering by asphalt materials when being used for trench reinstatement. Please note that FoamFill does not offer a suitable wearing surface.

## MANUFACTURE

FoamFill is produced under quality-controlled conditions at our plants, using materials from quality-assured sources, and mixed in central mixers prior to being delivered to the customer. Collection of FoamFill can be made if the customer has a suitable vehicle, such as a truckmixer or agitator. FoamFill is not suitable for collecting in open-backed, flat bed vehicles.

Aggregate Industries operate third-party accredited BS EN ISO 9001 Quality, BS EN ISO 14001 Environmental, and BS EN ISO 45001 Health and Safety systems. FoamFill meets BES 6001 responsible sourcing requirements.

## PERFORMANCE AND TECHNICAL DATA

Strength Class range	C1/2 to C3/4
Over covering recommended at	4 days*
Normal working life	Up to 3 hours from time of manufacture
Drying Shrinkage	<0.0075%
Flammability	Non-combustible
Density (constituent material dependent)	When delivered: 1850 – 2100 kg/m <sup>3</sup> When dried: 1800 – 2000 kg/m <sup>3</sup>

\*Dependent upon site conditions that are outside of Aggregate industries control

### Maximum Lift

C1/2	750mm
C3/4	1000mm

## CURING

FoamFill should be properly cured after placing and finishing when used for trench reinstatement – in line with good site practice – to prevent moisture loss due to the effects of sun, wind, and ambient temperature. Curing may be achieved by placing polythene sheeting or damp hessian over the surface of the material, remaining in place for a minimum 2 days. For mass void fill where FoamFill is protected from the drying effects of ambient conditions, curing will not be required.

## SUSTAINABILITY & LOCAL SOURCING

Responsible sourcing: Aggregate Industries is the first company in the world to achieve a BES 6001:2008 Responsible Sourcing Certificate from BRE Global.

Products are assessed on:

- ▶ Quality management
- ▶ Environmental management
- ▶ Health and safety management
- ▶ Greenhouse gas emissions
- ▶ Minimising raw material usage
- ▶ Labour practice
- ▶ Biodiversity
- ▶ Community engagement.

## ENERGY USE AND GREENHOUSE GAS EMISSIONS

Aggregate Industries is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year.

## MANUFACTURING LOCATION

Produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

## RECYCLABLE

These products have a life expectancy of 60 or more years and are fully recyclable.

## KEY AGGREGATE AND RECYCLED CONTENT

This product may be formulated to be substantially better for the environment than the equivalent traditional concrete. Aggregate Industries are unique in being able to quantify this difference. Wherever available, a recycled or secondary aggregate may be selected to achieve a reduced environmental impact and increased Green Guide rating.

The raw materials used in the manufacture of the binders are obtained from processes where they form from a co-product

## POLICIES

Aggregate Industries' policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website [www.aggregate.com](http://www.aggregate.com)

## COSHH DATA

Full COSHH data on our concrete products is available on request.

## TECHNICAL SUPPORT

Detailed guidance and assistance with the preparation of specifications and use of our concrete range of products is available through the sales offices. A free technical service is also available. Call our technical services at the nearest sales location to your contract.

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