

TECHNICAL INFORMATION

DUCTFILL 307

Product Data Sheet: Construction and Installation Grouts

DESCRIPTION

Ductfill 307 is a factory blended non shrink cementitious grout with good flow, rapid strength development and early gel time characteristics.

Ductfil 307 satisfies the requirements of CRD-C621-82B test procedure for cementitious non-shrink grouts.

Composition

Ductfill 307 is an intimate blend of cement, selected fillers and other additives designed to improve the rheology of the mix and impart non-shrink properties.

Yield

The approximate yield of mixed grout per tonne of dry **Ductfill 307** powder is 0.625m³, 15.6 Litres per 25kg powder. The approximate quantity of dry powder required to produce 1m³ of set grout is 1.6 tonnes. These yield figures do not make any allowance for site wastage.

Mixing and Pumping

Ductfill 307 should be mixed using water which complies with BS EN 1008 (as for concrete).

Ductfill 307 grout powder should be added steadily to the required volume of water and mixed thoroughly using a standard grout mixer or propeller stirrer. The best results are achieved by using high shear mixing techniques for at least 2 minutes in order to adequately disperse the additives and produce a creamy homogenous mix.

Ductfill 307 can be poured into small open voids or is capable of being pumped a distance of 20 metres when mixed at the recommended WSR of 0.31. For pumping, wide throat mixer pump combinations such as Mono or A.N.I. Arnall cable bolting pumps should be used.

NB: **Ductfill 307** should be placed within 20 minutes of mixing.

PRODUCT DATA

Compressive strength at 20°C (N/mm ²)				
1 day	3 day	7 days	28 days	56 days
40	50	58	71	85
WSR			.31	
Set Time (Initial)			3.5 hours	
Set Time (Final)			5 hours	
Typical Flow Channel Figure		>35cm		

The above figures are derived from laboratory testing at 20°C and at a WSR of .38.

CLEAN UP AND SPILLAGES

Dry powders should be swept up and disposed of in accordance with the Local Authority.

QUALITY CONTROL

All Pozament products are factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9001.

PACKAGING AND STORAGE

Ductfill 307 is available in nominal 20kg sacks, palletised and shrink wrapped. **Ductfill 307** may also be available in Intermediate Bulk Containers or

For more details contact:
03444 630 046 pozament@tarmacbp.co.uk

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in Bulk Powder Tankers. Palletised **Ductfill 307** should be stored in cool dry areas clear of the ground, sheeted or under cover and stacked not more than two pallets high. The product should be used on a first in – first out basis. Shelf life is minimum 3 months when properly stored but could be in excess of 6 months subject to temperature and humidity.

INFORMATION, PRICES & ORDERING

For technical information, pricing and to place orders contact our Sales Office on the following:

Telephone: **03444 630 046**

Email: **pozament@tarmacbp.co.uk**

Visit our website: **pozament.co.uk**

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Swadlincote, Derbyshire, DE12 6JT

HEALTH & SAFETY

Health and safety advice, which must be followed, can be found on the Material Safety Data Sheet. Users are advised to wear face mask, goggles, gloves and overalls when handling, mixing and applying cementitious products.

Contains Portland Cement Contains Chromium (VI), which may produce an allergic reaction. Clothing contaminated by wet cement should be removed immediately and washed before reuse. R38 - Irritating to skin. R41 - Risk to serious damage to eyes. S26 - In case of contact with eyes, rinse immediately with water and seek medical advice. S37/39 - Wear suitable gloves and eye/face protection. S2 - Keep out of reach of children.

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