

TECHNICAL INFORMATION

TARMAC CEMBED

Product Data Sheet: Construction and Installation Grouts

DESCRIPTION

Tarmac Cembed is a pre-blended cementitious mortar which contains a special shrink compensating agent.

USES

Tarmac Cembed is a pre-blended shrink compensated mortar specifically designed to be used to bed pre-cast concrete wall segment panels in building construction.

Tarmac Cembed is chloride free and can be used in contact with steel reinforcement.

Tarmac Cembed can be used in gaps between 10 and 75mm for structural support and down to 5mm for finishing.

KEY PROPERTIES

- Contains no chlorides.
- Shrinkage compensated – reduced risk of cracking, high bond strength.
- Single component – easy to use.
- Factory batched and quality controlled.

YIELD

Bag size	Yield
25kg	12.7 litres
1000kg	508 litres

These figures are approximate and take no account for site wastage.

MIXING INSTRUCTIONS

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

Tarmac Cembed should be mixed in a suitable container using either an electric or pneumatic slow speed high torque power tool. Larger amounts should be mixed in a FORCED ACTION paddle mixer such as a CreteAngle.

A 25kg bag of **Tarmac Cembed** should be added carefully to 3.5 litres of water, progressively mixing until a consistency suitable for ramming in to place is achieved.

Once mixed the material must not be re-worked.

TYPICAL PERFORMANCE

Compressive strength at 18-22°C N/mm ²		
1 day	7 days	28 days
29	40	56
Flexural strength at 18-22°C N/mm ²		
1 day	7 days	28 days
5	6	8
WSR	0.14	
Pot life	35 – 60 minutes (dependant on temperature)	

For more details contact:
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APPLICATION

The **Tarmac Cembed** should be placed as a bed before the sectional panel is lowered into place. The mortar should be allowed to stiffen before finishing the surface with a damp trowel.

The mortar should be placed at temperatures between 5oC and 35oC. At elevated temperature above 20°C the setting time will be reduced.

Any mortar exposed to wind or drying conditions should be suitably protected, preferably by coating with a wax-free Curing Agent.

QUALITY CONTROL

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

CLEAN UP AND SPILAGES

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

PACKAGING AND STORAGE

Tarmac Cembed is available in nominal 25kg sacks, palletised and shrink wrapped. **Tarmac Cembed** may also be available in Intermediate Bulk Containers or in Bulk Powder Tankers.

Palletised **Tarmac Cembed** 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.

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.

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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