

TECHNICAL INFORMATION

RAPID SET MORTAR

Product Data Sheet

DESCRIPTION

Rapid Set Mortar is a blend of ordinary and specialist cements, high quality graded aggregates and a unique combination of polymers and admixtures.

When mixed with water it produces putty like mortar with good wash out resistance and a powerful bond onto wet concrete substrates.

USES

Uses of **Rapid Set Mortar** include:

- Repairing drains
- Repairing steps
- Setting posts
- Repointing brick and block work
- General repairs

SPECIAL PROPERTIES

- Designed to provide a powerful bond onto wet concrete substrates
- Ready to use – just add water
- Fast setting – sets within 30 minutes
- Interior and exterior use
- Consistent and durable results

TYPICAL PERFORMANCE

Compressive strength at 20°C N/mm ²			
1 hour	1 day	7 days	28 days
3.5	15	20	30
WSR		0.16	
Pot Life		10 minutes (temperature dependent)	
Shrinkage		Less than 0.001%	

MIXING INSTRUCTIONS

General Concreting (including paths, drives and steps)

The sand should be clean, sharp concrete sand. The stone should be clean, graded 20mm natural or crushed gravel. Alternatively, all in aggregate (ballast) with clean, sharp sand blended with graded 20mm aggregate may be used. As the product is rapid setting it should be mixed and placed within 15 minutes.

YEILD

Based on the optimum water:powder ratio 0.16

Litres product/5kg bag	Litres product/7.5kg tub
2.7	3.5

PREPARATION

Ensure all surfaces with which the mortar will come into contact are clean and dust free. Ideally, concrete substrates should be thoroughly soaked for several hours prior to the mortar being applied to reduce suction.

Permeable concretes should be treated with a suitable concrete primer.

Immediately prior to placement all excess water should be removed.

For more details contact:
 03444 63 64 65 packedproducts@tarmacbp.co.uk

The information given in this technical data sheet is based on our current knowledge and is intended to provide general notes on our products and their uses. Tarmac endeavour to ensure that the information given is accurate, but accept no liability for its use or its suitability for particular application because of the product being used by the third party without our supervision. Any existing intellectual property right must be observed.

MIXING INSTRUCTIONS

Note: This product is pre-blended and requires no further mixing prior to adding water.

Rapid Set Mortar can be mixed by hand or electric power tool in a suitable clean container. The **Rapid Set Mortar** should be carefully added to clean water progressively mixing until putty like consistency is achieved. Care should be taken to accurately measure the water at a water to solids ratio of 0.16 (0.8 litres per 5kg bag). Once the material is mixed it must not be reworked.

Due to the rapid setting nature of the material it must be placed immediately.

Small quantities can be mixed by hand, care being taken to accurately measure the water at a WSR of 0.16.

Once mixed the material must not be re-worked. NB. Due to the rapid setting times the material should be placed immediately after mixing.

On completion, cover the newly laid mortar with a plastic sheet or hessian to protect it from weather hazards until fully set. Recommended application temperature is 5°C to 25°C

CLEAN UP AND SPILLAGES

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

QUALITY CONTROL

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

PACKAGING & STORAGE

Rapid Set Mortar is available in nominal 5kg bags and 7.5kg tubs. Palletised **Rapid Set Mortar** should be stored in cool dry areas clear of the ground, sheeted or under cover.

The product should be used on a first in – first out basis.

Shelf life is 12 months subject to temperature and humidity.

HEALTH AND 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 please contact us as follows:

Technical Information t: **03444 63 00 46**

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