

Technical Information

TRUSCAPE Bedding Mortar

DESCRIPTION

TRUSCAPE Bedding Mortar is a high early strength bedding concrete that has been specifically designed to exceed the requirements of BS 7533. The concrete has an excellent, consistent strength gain and can receive foot traffic after 12 hours and vehicle traffic after 24 hours. The concrete does not suffer from the effects of environmental erosion and is resistant to cracking and settlement movement.

USES

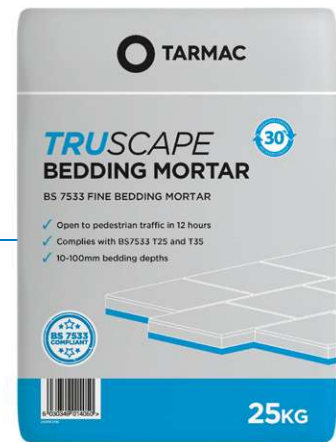
TRUSCAPE Bedding Mortar can be used to bed natural stone paving and cobbles, flags, block paving, concrete paving and other high traffic paving surfaces. The paving system is ideal for use in commercial, industrial and residential areas.

SPECIAL PROPERTIES

- Complies with BS 7533
- High early and final strength
- High durability
- Shrinkage compensated
- Can be laid from 10-100mm in a single pass
- Single component, easy to use
- Open to foot traffic in 12 hours
- Open to vehicle traffic in 24 hours

PREPARATION

All application substrates must be sound, clean and free from dust, dirt, debris, oil, grease and other contaminants.



Proper surface preparation is vital to ensure the successful application and durable performance of the concrete. All substrates must be dry before application.

MIXING INSTRUCTIONS

For best results TRUSCAPE Bedding Mortar should be mixed using a mechanical mixer such as a forced-action high shear mixer or a belle type mixer.

Mix each 25kg unit with 2.5 litres of cool, clean water.

Pre-measure the required volume of water into a clean mixing vessel and steadily add the powder to the water. The product should be mixed for 2-3 minutes until a damp earth mortar consistency is achieved.

Due to the rapid setting nature of TRUSCAPE Bedding Mortar, only ever mix a quantity of material that can be used and placed within the working time.

Never remix or add extra water to extend the working time of the material.

APPLICATION INSTRUCTIONS

TRUSCAPE Bedding Mortar should be applied at a thickness of 10mm-100mm in a single pass. If thicker sections are required this can be achieved using the layer-on-layer method.

Recommended ambient application temperature is 5°C to 25°C.

Areas placed as a bound or rigid construction should have suitable movement and expansion joints.

PERFORMANCE DATA

Water addition	2.5l per 25kg
Workability	50 minutes
Density	2000-2200kg/m ³
Yield (per 25kg)	13 litres (with slurry primer)
28 day bond strength	2.0 N/mm ²

Compressive Strength (N/mm ²)		
1 day	7 day	28 day
20	39	52
Flexural Strength (N/mm ²)		
1 day	7 day	28 day
3.5	6.0	6.5

The above figures are derived from laboratory testing at 20°C.

CLEAN UP

Tools and equipment can be cleaned easily with water. Cleaning of tools and equipment should be carried out as soon as is practicable well away from the application area.

PACKAGING AND STORAGE

TRUSCAPE Bedding Mortar is available in 25kg plastic bags, palletised and shrink wrapped.

Palletised TRUSCAPE Bedding Mortar 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 12 months' subject to temperature and humidity.

Individual bags of TRUSCAPE Bedding Mortar should be stored in sealed original packaging in a dry location at temperatures between 5°C and 30°C. Avoid exposure to water, frost or heat - high temperatures and high humidity will lead to a reduced shelf life.

QUALITY CONTROL

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

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 contact our Sales Office on the following:

Telephone: 03444 630 046

Email: specialistproducts@tarmacbp.co.uk

Visit our website: tarmac.com

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