

Technical Information

TRUSCAPE PAVE *BEDDING MORTAR*

Tarmac Truscape Pave, is a quality factory produced bedding mortar for the construction of pedestrian pavements, patios and pathways. Supplied in a bag, ideal for projects where simplicity is key.

Bagged Mortar provides less maintenance for sites that are not adequately serviced by utilities and ease of convenience.

PRODUCT CONFORMITY

Tarmac Truscape Pave Bedding Mortar is manufactured, batched and supplied in compliance with in-house quality standards and tested in accordance with British and European Standards.

Tarmac Truscape Pave Bedding Mortar is supplied in environmentally friendly bulk bags with up to 50% reduced plastic. The mix constituents and convenience of mixing on site makes Truscape Pave Bedding Mortar easy to lay for a variety of paving options.

ADVANTAGES

- Tarmac Truscape Pave Bedding Mortar is a fully blended cement, sand dry material, just add water and mix to your preferred consistency.
- Increases efficiency, reduces waste - use only what you need.
- Supplied in durable water-resistant bags to help protect against exposure elements and provide longer shelf life.
- Quality Assured, manufactured and in compliance with the current British European Standards.

TECHNICAL OVERVIEW

Water addition	2.5L per 25kg
Working Time*	50 minutes
Compressive Strength (N/mm ²)	≥35
Flexural Strength (N/mm ²)	≥4.5

**Weather dependent*

PERFORMANCE

Tarmac Truscape Pave Bedding Mortars are based on performance in accordance with BS EN 1015-11.

PAVE MORTAR	
Minimum compressive strength when measured in accordance with BS EN 1015-11	35 N/mm ²
Flexural strength	4.5 N/mm ²

PAVE MORTAR

Minimum compressive strength when measured in accordance with BS EN 1015-11

DELIVERY AND COLLECTION

- Tarmac Truscave Pave Bedding Mortars can be used for any type pedestrian paving contract and great for merchant yard stock.
- Ideal for site support stock and compliments silo bulk material
- Collection can be arranged from our specialised plant network
- Bulk Bags can be delivered to site on a Hiab, curtain siders, flatbed or articulated vehicles from our national fleet with full off-loading facilities
- Specialist vehicles can be sourced to customer requirements made available on request.

COMPATIBILITY

Tarmac Truscave Pave Bedding Mortars are compatible with all suitable building materials.

DURABILITY

Tarmac Truscave Pave Bedding Mortars offer excellent long-term durability due to the controlled composition and quality of raw materials used.

HEALTH AND SAFETY

There is a real danger of contact dermatitis or serious burns. To prevent skin coming into contact with wet cement mixes such as fresh concrete, mortar or screed ensure that suitable protective clothing and eye protection is worn. Where skin contact occurs either directly or through saturated clothing wash immediately with soap and water. For eye contact, immediately wash out eyes thoroughly with clean water. If swallowed wash out mouth and drink plenty of water.

For further information please refer to Tarmac Material Safety Data Sheet-Screeds.

PREPARATION

It is imperative that Tarmac Truscave Pave Bedding Mortar is placed upon a stable supporting layer that is secure and not likely to move or heave. Prior to installation the supporting groundwork must be thoroughly cleaned, wetted and ensure water is not allowed to pool. Ideally and to improve bond with paving layer, then supporting layer can be primed using Tarmac Slurry Primer, or manufacturer recommended alternative.

Please note that Tarmac Slurry Primer is only applicable for bound or rigid construction and not for unbound or flexible application.

PRIMING

To strengthen and increase product performance, prime the supporting layer with Tarmac Slurry Primer prior to application. We would recommend following the paving manufacturer's instructions.

MIXING ON SITE

For best results Tarmac Truscave Pave Bedding mortar should be mixed using a mechanical mixer. Mix the product with clean water. Measure

the required volume of water into a clean mixer and gradually add the powder to the water. Tarmac Truscave Pave bedding mortar should be mixed until the required mortar consistency is achieved. Please see 'Site Guide 9 - DSM Bulk Bags' for further information.

Please note that Tarmac Truscave Pave bedding mortar must be mixed, used and laid within the appropriate working time. This is due to the quick setting nature of the mortar, thus we recommend you mix a quantity of material to use and lay within the required working time. Please note this can be affected by the weather, therefore we advise you don't rework or remix with extra water to extend the working time of the material or any of the products used.

Tarmac Truscave Pave Bedding Mortar can be laid at a thickness of 10mm-100mm in a single layer. Both layers should be of approximately equal thickness and the identical mix and water content.

Tarmac Truscave Pave Bedding Mortar Production Control Manufactured and based on internal quality procedures in line with ISO 9001.

USES AND APPLICATIONS

Suitable for installation on paving systems such as;

1. Natural stone
2. Cobbles
3. Concrete Paving
4. Brick or Block Paving.

STORAGE ON SITE

Tarmac Truscape Pave Bedding Mortar Bulk Bags are weather resistant; however, they should still be stored in a way that protects them from the elements as a precaution. i.e. on pallets/ off the floor and covered with a waterproof material such as a tarpaulin.

We strongly advise that all bags are stacked single tier and not double stacked to prevent any risk of potential damage to the bags.

If the bedding mortar is exposed to water or moist air then it's likely the material will start to set, and lumps may form, in this instance the whole bag should be disposed of. Please see 'Site Guide 9 - DSM Bulk Bags' for more information on storage and care.

TECHNICAL SUPPORT

Tarmac provides a comprehensive sales and technical advisory service to specifiers and customers.

A quality system has been implemented throughout the company since 1975 and quality procedures are in conformity with BS EN ISO 9001:2015. All Tarmac factories hold third party certification from the British Standards Institution. Details of the certification status of individual factories may be obtained from the technical helpdesk.

PRICES AND CONDITIONS OF SALE

Prices vary according to quantity and delivery location. For specific quotations contact your local Tarmac representative or call out National Sales Helpline on **03701 116 116**.

All quotations given, orders placed and materials supplied are subject to the Conditions of Sale available via download from the Tarmac website www.tarmac.com or upon request from your nearest Tarmac Building Products Regional Office.

SUPPLY

Tarmac Truscape Pave Bedding Mortars are available direct from mortar factories located strategically throughout mainland United Kingdom: contact your nearest Tarmac Regional Office for further details.

ORDERING

When ordering, please state mortar type, quantity, date and preferred time of delivery.

REFERENCES

British Standards Institute	
BS EN 197-1: Part 1: 2011	Cement Part 1: Composition, specifications and conformity criteria for common cements
BS 7979: 2016	Specification for limestone fines for use with Portland cement
BS EN 1015-11	Methods of test for mortar for masonry
BS EN 13892-1	Methods of test for screed materials
BS 4551: 2005	Mortar — Methods of test for mortar — Chemical analysis and physical testing
BS EN 13139: 2002	Aggregates for mortar
PD 6682 – 3: 2003	Aggregates – Part 3: Aggregates for mortar – Guidance on the use of BS EN 13139
BS EN 13501 – 1: 2018	Fire classification of construction products and building elements Part 1: Classification using test data from fire reaction tests
BS EN 1008: 2002	Mixing water for concrete – specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete
BS EN 934	Part 1: 2008 Admixtures for concrete, mortar and grout
	Part 2: 2009 +A1: 2012 Concrete admixtures – definitions, requirements, conformity, marking and labelling
	Part 3: 2009 +A1: 2012 Admixtures for masonry mortar – definitions, requirements, conformity, marking and labelling
Building Research Establishment	
Digest 361	Why do buildings crack?
Digest 362	Building mortar
Tarmac	
Product Data Sheet No. 100/02	Tarmac Truspread Dry Silo mortar
Site Guide No. 6	Winter working recommendations for mortars
Site Guide No. 7	Summer working recommendation for mortars
Site Guide No. 9	DSM Bulk Bags
Tarmac Safety Data Sheet	Mortar, screeds and renders

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.

For more details contact:

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