



## tuffbed Type 35, pre-blended, bagged, bedding mortar for paving

### Product Summary

A high performance pre-blended and bagged Type 35 bedding mortar to BS7533-101:2021. tuffbed is supplied in 25 kg sealed bags.

### Product Applications

For use in all traffic categories described in BS 7533-101 Table 2b. tuffbed is uniquely designed and formulated as a bedding mortar for modular pavements constructed in natural stone setts and slabs, concrete blocks and flags, porcelain and clay pavers.

BS 7533-101:2021 recommends a laying course (bedding) thickness of 40 mm. Greater depths can be achieved by adding multiple layers of up to 70mm per layer.

### Product Description

tuffbed is a high-performance hydraulic Type 35 bedding mortar. It is an “all in one bag” pre-blended product, formulated to provide the correct supporting stiffness while continuously absorbing thermal and dynamic stresses inherent in all pavement structures.

tuffbed complies with all 'bedding mortar characteristics' stated in BS 7533-101.

In preparation, the typical water requirement is 3 litres for each 25 kg bag of product prepared.

Where an enhanced adhesion bond is required to meet Clause 5.4.2 BS 7533-101, tuffbond priming mortar should be used in conjunction with tuffbed.

### Storage Life

**Storage life:** Two years from the manufacture date, stored in dry conditions.

## Technical Specification

<b>Usage</b>	Bedding / Laying Course
<b>Characteristics</b>	Pre-measured and pre-blended, dried aggregate and binder
<b>Colour</b>	Grey
<b>Packaging</b>	25 kg Bag
<b>Bed depth range</b>	10-70 mm (BS7533:101; 40 mm recommended)
<b>Typical water used</b>	3 litres per 25 kg
<b>Typical consumption / coverage</b>	25 mm: 55 kg/m <sup>2</sup> 40 mm: 88 kg/m <sup>2</sup> 50 mm: 110 kg/m <sup>2</sup>
<b>Packages per pallet</b>	40 or 48
<b>Pallet weight</b>	1,030 or 1,230 kg inc. pallet
<b>Working time</b>	40 min at 10°C 30 min at 20°C
<b>Working temperature</b>	≥ 2°C
<b>Compressive strength (20°C)</b>	14 days: 25 MPa 28 days: 35 MPa
<b>Permeability</b>	≥ 5 x 10 <sup>-5</sup> m/s
<b>Capillary rise</b>	< 20 mm
<b>Modulus of elasticity</b>	(18,000 ± 3,500) MPa
<b>Shrinkage</b>	≤ 0.15%
<b>Storage life</b>	2 years from manufacture date
<b>NBS sections</b>	M10, Q24, Q25
<b>Compliance</b>	BS 7533-101:2021
<b>Uniclass 2015</b>	Pr 20 31 53 61 Paving Laying Course Mortars

**Warranty:** We warrant that 'tuffbed' is produced to the stated performance standards. On-site testing is recommended to ensure external factors do not compromise product performance.



**Steintec®**  
high performance paving mortars

1 Northwick Rd  
Canvey Island  
Essex  
SS8 0PU  
**+44 203 598 9800**  
www.steintec.co.uk