

Technical Data – *tuffbed* High Performance Fine Bedding Mortar

Tuffbau **tuffbed** is a high performance, naturally pure hydraulically bonding mortar, pre-blended with aggregate that needs only to have water added and be thoroughly mixed.

Bedding depths of between 15 mm to 50 mm may be placed in a single layer. Greater depths may be accommodated by placing successive layers.

tuffbed is shrinkage compensated, reducing the risks of failure associated with building permanent stress into new pavement structures, the inevitable result of excessive shrinkage.

The elastic modulus of **tuffbed** is optimised to provide the correct supporting stiffness whilst continually absorbing the thermal and dynamic stresses inherent in all pavement structures.

tuffbed complies with or exceeds the performance requirements of BS7533-7 & BS7533-12. Typical water to add approx. 3 to 4 litres for each complete 25kg sack of product, depending on desired slump for particular application. BS7533-4 recommends a 150mm slump when laying paving slabs.

Bed depth range	15-50 mm	Compressive strength (20 °C)	14 days: ~25 N/mm ² 28 days: ~35 N/mm ²
Typical water used	3-4 litres per 25 kg	Storage life	12 months from manufacture date
Typical coverage	15 mm: 27 kg/m ² 30 mm: 54 kg/m ² 50 mm: 90 kg/m ²	NBS sections	M10 Q24 Q25
Working time	60 min at 10 °C 40 min at 20 °C	Compliance	BS 7533
Working temperature	2-30 °C		

Storage life is twelve months in bone dry conditions (and product can remain fit for use if maintained in a dry powder form, with negligible deterioration of the all-natural ingredients)

tuffbed is supplied as a bagged dry product packed in moisture resistant bags, to be mixed with water on site.

For an enhanced adhesion bond between the bedding layer and the underside of the paving elements, and the supporting layer beneath, the application of **tuffbond** priming mortar will ensure final compliance with the British Standard.

