

Technical Data - *tufftop* jointing mortar

tufftop is a high performance, naturally pure hydraulically bonding mortar. It contains no polymer or resin additives and requires only the addition of water.

tufftop is a highly plastic, free flowing slurry grout which is easy to use and makes light work of surface cleaning.

tufftop penetrates even the most irregular joints and cavities and fills joint widths as small as 3 mm. Surplus applied water is displaced naturally and the mortar rapidly thickens before curing commences.

tufftop is shrinkage compensated, reducing the risks of failure associated with building permanent stress into bound paving. The inevitable result of excessive shrinkage, often caused by polymer and resin additives.

The elastic modulus of **tufftop** is optimised to provide the correct supporting stiffness whilst continually absorbing the thermal and dynamic stresses inherent in bound pavements.

tufftop complies with, or exceeds, the performance requirements of British Standards BS7533-7 & BS7533-12 Standards for Modular Paving.



Important Performance data	
Working temperature range	2°C - 30°C
Length of working time	60 minutes at 20°C
Typical compressive strength gain:-	
7 days at 20° C ca	30 N/mm ²
28 days at 20° C ca.	45 N/mm ²
Bending strength ca.	7.5 N/mm ²
Adhesion strength ca	1.5 N/mm ²
Modulus of Elasticity ca.	24,000
Consumption approx 1.8kg/litre joint space	http://www.steintec.co.uk/about-us/calculators/
Typical water to add	5.5 litres per 25 kg bag of dry mortar
Do not add less than 4.5 or more than 5.6 litres water per 25 kg bag of dry mortar	

Storage life: 6 months in dry conditions (mortar can last longer if stored in moisture free conditions, product found to be in a dry powder form is fit for use)

Ensure thorough mixing: Use a forced action mixer, or for small quantities a powerful spiral mixing paddle, or preferably twin paddle mixer, with a speed of approximately 600 rpm. Mix thoroughly until a fully homogenous blend is produced.

tufftop is supplied as a pre-mixed dry product packed in moisture resistant bags and is available in four standard colours: *Natural Grey; Mid Grey; Dark Grey and Beige.*

