Steintec® paving mortars

tuffgrout

Technical information for "tuffgrout®" jointing mortar

tuffgrout® is a high performance, naturally pure hydraulically bonding mortar.

There are no additives or gauging liquids – "just add water" - **SteinTec® tuffgrout®** is a highly plastic, free-flowing slurry grout which is straightforward in application and in cleaning of the pavement surface.

tuffgrout® penetrates 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 densifies before curing commences.

tuffgrout® 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 **tuffgrout®** is optimised to provide the correct supporting stiffness whilst continually absorbing the thermal and dynamic stresses inherent in all pavement structures.

tuffgrout® complies with or exceeds the performance requirements of BS7533-7 & BS7533-12

Some important performance data for tuffgrout® jointing mortar:

Lowest working temperature	2ºC
Length of working time	60 minutes at 20ºC
Nominal compressive strength gain :-	
7 days at 20º C	ca. 30 N/mm²
28 days at 20º C	ca. 45 N/mm²
Bending strength	ca. 7.5 N/mm²
Adhesion strength	ca. 1.5 N/mm²
Modulus of Elasticity	ca. 24,000
Consumption	approx.1.8 kg/litre joint space
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 25kg bag of dry mortar.

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

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)

tuffgrout® is supplied as a pre-mixed dry product packed in moisture resistant bags.

SteinTec® tuffgrout® jointing mortar is available in 4 standard colours:
Natural Grey; Mid Grey; Dark Grey and Beige

Technical Support **0800 360 872**

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