

Technical information for pavement jointing mortar SteinTec tuffgrout

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

There are no additives or gauging liquids – “just add water” - SteinTec **tuffgrout** is designed to be mixed with a high water content, resulting in a highly plastic, free-flowing slurry grout which is straightforward in mixing, in application and in cleaning of the pavement surface.

SteinTec **tuffgrout** does not require the use of special mixing equipment.

SteinTec **tuffgrout** penetrates the most irregular joints and cavities, filling joints as narrow as 3 mm, surplus applied water is repelled naturally and the mortar rapidly densifies before curing commences.

SteinTec **tuffgrout** is shrinkage compensated, reducing the risks of failure resulting from permanent stress built in to new pavement structures, the result of excessive mortar shrinkage.

The Elastic Modulus of SteinTec **tuffgrout** is optimised to provide the correct supporting stiffness whilst accommodating the constant thermal and dynamic stresses inherent in all pavement structures.

SteinTec mortars are resistant to frost and anti-freezing chemicals.

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

Some important performance data for tuffgrout jointing mortar:

| | |
|-------------------------------------|--|
| Lowest working temperature | 2°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. 1.8 kg/litre joint space |
| Typical water to add | approx. 5.5 litres per 25 kg bag of dry mortar |

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

Storage life 6 months in dry conditions (mortar can last longer if stored in moisture free conditions)

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