

Technical information for pavement priming/bonding mortar SteinTec tuffbond

SteinTec **tuffbond** is an hydraulically bonding mortar containing polymer additives to enhance its adhesive properties.

The overall performance of the pavement construction is greatly enhanced when SteinTec **tuffbond** is used in conjunction with SteinTec bedding mortars, **tuffbed** and **tuffbed rapid**.

There are no additives or gauging liquids – “just add water” - SteinTec **tuffbond** is applied as a liquid mortar slurry which is applied to the underside of paving elements and to the surface of supporting concrete structures and roadbase.

A layer of between 1 mm to 2 mm thickness ensures the fullest possible contact with the aggregate particles within the bedding mortar, transferring tensile forces via the very high adhesion bond without compromising the performance characteristics of the bedding mortar layer.

Small paving elements may be dipped into a shallow tray of the liquid mortar mix.

Large paving elements and supporting concrete structures / roadbase may be coated using a brush.

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

Some important performance data for tuffbond priming/bonding mortar:

Lowest working temperature 2°C

Length of working time 60 minutes at 20°C

Adhesion strength ca. 2.0 N/mm² (used together with SteinTec bedding mortars)

Consumption approx. 1.5 kg/m² of surface layer applied
(when applied to both underside of paving element and to concrete supporting structure or roadbase the overall consumption will be approximately 3 kg/m²)

Typical water to add approx. 6 litre per 25 kg dry mortar

SteinTec **tuffbond** 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)