



Bonding and Priming Mortar

tuffbond Utility is a bonding and priming mortar used to enhance the adhesion bond between the paving units and bedding mortar and where present, between the bedding mortar and supporting concrete structure.

For ease of use tuffbond Utility has been packaged in pre-measured sachets contained in a reusable, recyclable tub. With individual sachets only the required amount of tuffbond Utility is used and wastage is minimised.

Method

If tuffbond is being applied to the base ahead of the bedding mortar, make sure the base is swept clear of all loose debris and wiped with a damp sponge before applying the primer. The same applies to the paving units, which should be clean and individually wiped with a damp sponge to remove any dust or particles that could affect the adhesion performance.

To prepare tuffbond, add 750ml to 1 litre of water into the tub, and empty 1 sachet of tuffbond into the tub. Using a cordless drill with a spiral mixing paddle or twin paddle mixer, mix thoroughly to form a thick, smooth paste.

With a working life of around 40 minutes at 20°C, the material may start to settle in the tub.

This can be avoided by stirring it once or twice after application to each paving unit, and if necessary, refreshed by adding an occasional splash of extra water. It is important that the primer is always in the form of a smooth paste before it is applied.

Apply a 1 - 2 mm layer of primer to the concrete base using a stiff brush to the entire underside of each paving unit. Do **NOT** allow tuffbond Utility to dry and apply immediately prior to placing paving unit.

When laying on an in-situ or reinforced concrete base, tuffbond Utility should also be applied to the clean surface prior to placing the bedding mortar.

Technical Specs

Colour	Grey
Packaging	12 kg Tub (4x 3 kg Sachets)
Adhesion	~2 N/m ²
Consumption	~16 m ² per tub (1 mm coat) ~8 m ² per tub (2 mm coat)
Typical water used	750ml - 1 litre per 3 kg sachet
Length of working time	40 min at 20 °C
Packages per pallet	48
Pallet quantity	606 kg inc. pallet
Shelf life	2 years from manufacture date
Compliance	BS 7533-101:2021



Add 750ml - 1 L of water, then 1 sachet and mix.



Clean area and underside of paving units



Brush apply tuffbond to the base* and to the underside of the paving units



* Where the base is in situ concrete or reinforced concrete.



Steintec[®]
high performance paving mortars

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