



tuffbond Bonding (Priming) Mortar

Pedestrian and Trafficked Areas

Use tuffbond in the construction of pavements with natural stone setts and slabs, concrete blocks and flags, porcelain and clay pavers, to create a permanent bond between the concrete base, the laying course of bedding mortar and the paving units. Where the base is bituminous or granular, tuffbond is used only to bond the paving units to the laying course of bedding mortar.

The use of slabs or shallow setts/blocks in heavily trafficked areas is not advisable without a concrete base.

Mixing

Add 8 litres of water to a large plastic tub and then add the 25 kg of tuffbond powder. Thoroughly mix with a spiral or twin paddle powered mixer. On reaching a thick creamy, paint-like texture tuffbond is ready to use.

Alternatively half batches can be prepared. 4 litres of water per 12.5 kg of tuffbond (half a bag).

Once mixed, the working time is typically 30 minutes at 20 °C, during which time tuffbond should be stirred at intervals to prevent it skinning over or settling in the tub.

Laying Process

If the pavement base is concrete, thoroughly clean and preferably wash to remove dirt/dust and loose material. Brush apply a 2 mm to 3 mm thick coat of tuffbond priming mortar, then immediately place the freshly mixed bedding mortar to the required depth over the fresh, still wet tuffbond primed base.

Prior to laying paving units in pedestrian and trafficked areas, clean and wash the back of each unit and then brush apply a 2 mm to 3 mm thick coat of tuffbond priming mortar. With the tuffbond primer still wet, immediately place the units on the freshly placed bedding mortar and tap into position.

DO NOT apply tuffbond more than 1 minute before its contact with bedding mortar.

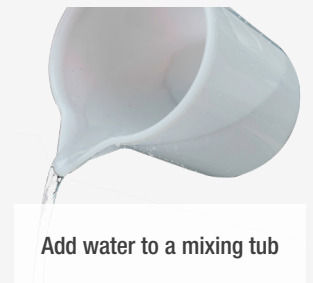
During the laying process mix tuffbond at intervals to prevent it from skinning-over or seperating-out in the tub.

In hot and dry conditions tuffbond MUST NOT be allowed to skin over or dry before being applied.

Do not walk on, or allow any pedestrian or vehicle movement across the newly laid area(s) until the bedding mortar has gained sufficient strength, after which jointing work can commence. This is typically not less than 12 hours.



Clean the base



Add water to a mixing tub



Add tuffbond to the tub & mix



Apply tuffbond to concrete base and paving unit



Lay paving unit while tuffbond is still wet

