



## Method Statement – *tuffbed 2-pack* bedding mortar

### 1 Pedestrian and light trafficking

For Pedestrian and moderate trafficking, **tuffbed 2-pack** bedding mortar can be applied to a non-concrete roadbase or a supporting structure where the depth of the paving units is not less than their width.

### 2 Heavy Trafficking

For very heavily trafficked locations and where paving units are 'shallow', having a depth less than their width, we recommend the provision of a concrete roadbase and the use of **tuffbond** priming mortar to enhance the adhesion bond between bedding mortar, paving units and roadbase.

### 2 Mixing

The surface of any bound roadbase must be sound and free of loose material and be thoroughly cleaned and rinsed using clean water.

4 x 25kg bags of **tuffbed aggregate blend**, OR 100kg of loose **tuffgrit aggregate blend** is mixed with 1 x 25 kg bag of **tuffbed 2-pack** mothermix powder. Start the mixing machine and add all 100kg of aggregate. Add approx 500ml litres of water to dampen the aggregate, before adding all 25kg of **tuffbed 2-pack** mothermix powder. When the aggregate is evenly coated with the **tuffbed 2-pack** mothermix, carefully add the remaining water. Typical volume of water to add per batch is between 5 and 9 litres, depending on the relative dampness of the aggregate. It is recommended that sufficient water is added to the bedding mortar to achieve the 150 mm slump recommended in BS7533-4. Do not mix more than will be used within approximately 60 minutes at an ambient 20°C .

### 3 Application

For trafficked applications, where there is a concrete base, a layer of **tuffbond** priming mortar should be applied to the concrete before the mixed bedding mortar is put in place. The paving units should then be laid onto the mixed bedding without delay. The units should be thoroughly clean, wiped with a damp sponge, and have a further layer of **tuffbond** trowelled onto the underside, immediately before they are laid firmly into position.

After laying, the surface must be thoroughly washed with water to remove surplus mortar laying on the surface of the paving units.

### 3 Quarantine

The surface should be quarantined to prevent access, including pedestrian access, for a period of at least one day in order to avoid disturbance and displacement of paving units on the fresh bedding mortar.

Jointing with **tufftop** jointing mortar may be carried out on the same day as laying if it is possible to be carried out by operatives not standing upon the freshly laid surface; small or narrow areas only.

