



## tuffset 60 Rapid Repair Mortar

tuffset 60 is designed specifically for the placement and repair of ironworks -- in particular, locations subject to constant heavy vehicle trafficking. Applied appropriately as a system with tuffset G, full conformity is achieved with: DMRB HD27/04 3.11 (ironwork within 2 hours), EN 1504-3 compliant and CE marked (repair concrete), BS 7533 fully compliant (paving mortar).

For ironworks placement or repair -- used in combination with tuffset G.

### Preparation

To repair an existing manhole, start by lifting the ironwork and clear away all loose material, including any supporting bricks not rigidly bonded to the structure beneath.

### Mixing

To ensure consistency the jointing mortar should be mixed to the following sequence;

- Pour approximately 3 litres of water into a large mixing bucket/tub.
- Progressively add the contents of the 25 kg bag to the water while mixing.  
Mix using a powerful paddle mixer, or a more-effective twin paddle mixer.

Mix tuffset 60 as for laying and installing ironwork with a working time of 20 minutes.  
The mixture will provide good support vertical construction with very little slump.

The sequence of: water first, followed by tufftop helps to avoid inconsistencies and clumps of unmixed material forming at the bottom of the bucket.

### Application and Installing Ironwork

- Using tuffset 60, reset loose brickwork/rebuild necessary number of courses to stabilise the brick structure.
- Place a generous layer of tuffset 60 on top of the rebuilt/stabilised MH brick structure
- Bed and level the ironwork/ironwork frame.

### Cleaning and Finishing around the Ironwork

The area around the manhole should then be filled using tuffset G as a rapid repair concrete (tuffset G mixed with tuffgrit at a ratio of 1:1 with plenty of water), this can be done after surrounding paving blocks have been laid, but if necessary the tuffset G concrete can also be used to build up the level on which to lay or level the surrounding pavers. If the top surfacing is going to be tarmac just leave the level of tuffset G low and tarmac the surface course directly on top of it.

Used alone for other effective emergency works tuffset 60 can be used as a rapid-setting and more durable substitute for all traditional sand and cement mortar applications, offering a single product solution ideal for emergency works and overnight repairs,



Lift Ironwork and clear away any loose material



Mix tuffset 60



Reset loose brickwork/courses



Place tuffset 60 on top of rebuilt brickwork/courses



Bed and level the Ironwork