

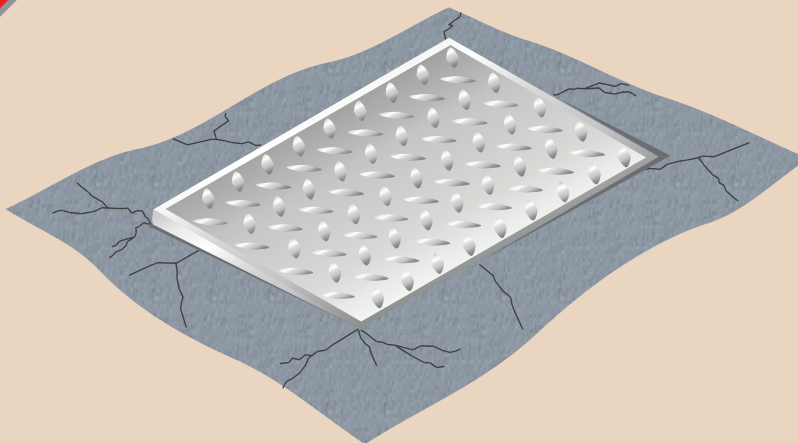
Ironwork reinstatement

Road ironwork such as manhole covers, road gullies and duct covers need to be bedded with a resilient mortar to prevent the unit rocking or breaking up

under traffic loading. Often the reinstatement of ironwork is done within traffic possessions under temporary roadworks and the time to

reinstatement is a critical factor.

1 Loose ironwork

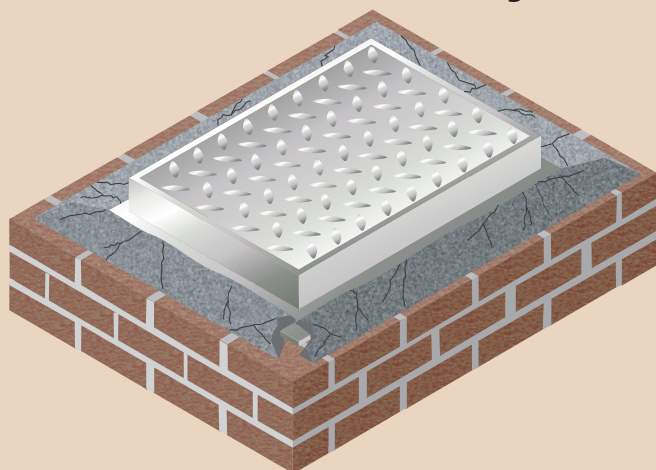


Cracks in the pavement and movement of the manhole frame can result in the frame becoming loose.

This results in the cover and frame 'rocking' and causing road noise as the unit is trafficked.

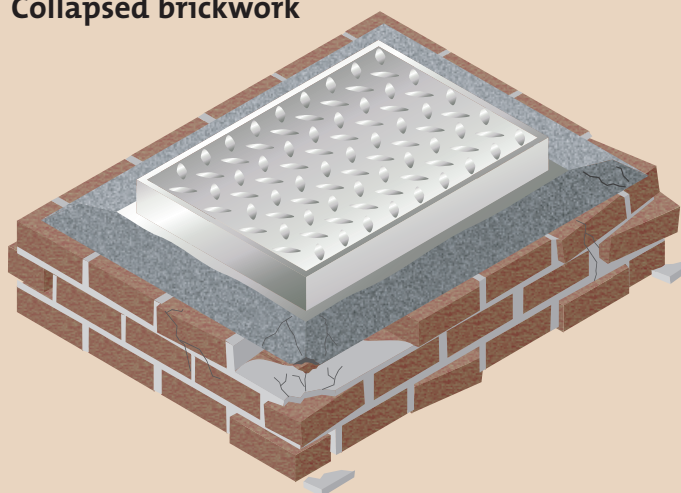
The pavement begins to rapidly break up, causing failure.

2 Failure in the sand/cement bedding mortar



Site-mixed sand/cement bedding mortar cracks and crumbles under traffic loads, resulting in premature failure of the cover and frame.

3 Collapsed brickwork



Old brick chambers can collapse under traffic loads or become dislodged during reinstatement works.



Use pre-bagged design mix bedding mortars

A detailed inspection of the ironwork needs to be done to understand the cause of the defect before reinstatement. Use pre-bagged special

design mix bedding mortars for the reinstatement using fast and rapid-setting mortars.

Products required

Cement based: weber.cem pyrabed T60 and T90, weber.cem pyrapatch, weber.cem pyracrete

Resin based: weber.tec bedding mortar



Reinstatement concrete

Back-fill around ironwork with rapid-setting concrete **weber.cem pyracrete** or **weber.cem pyrapatch**.

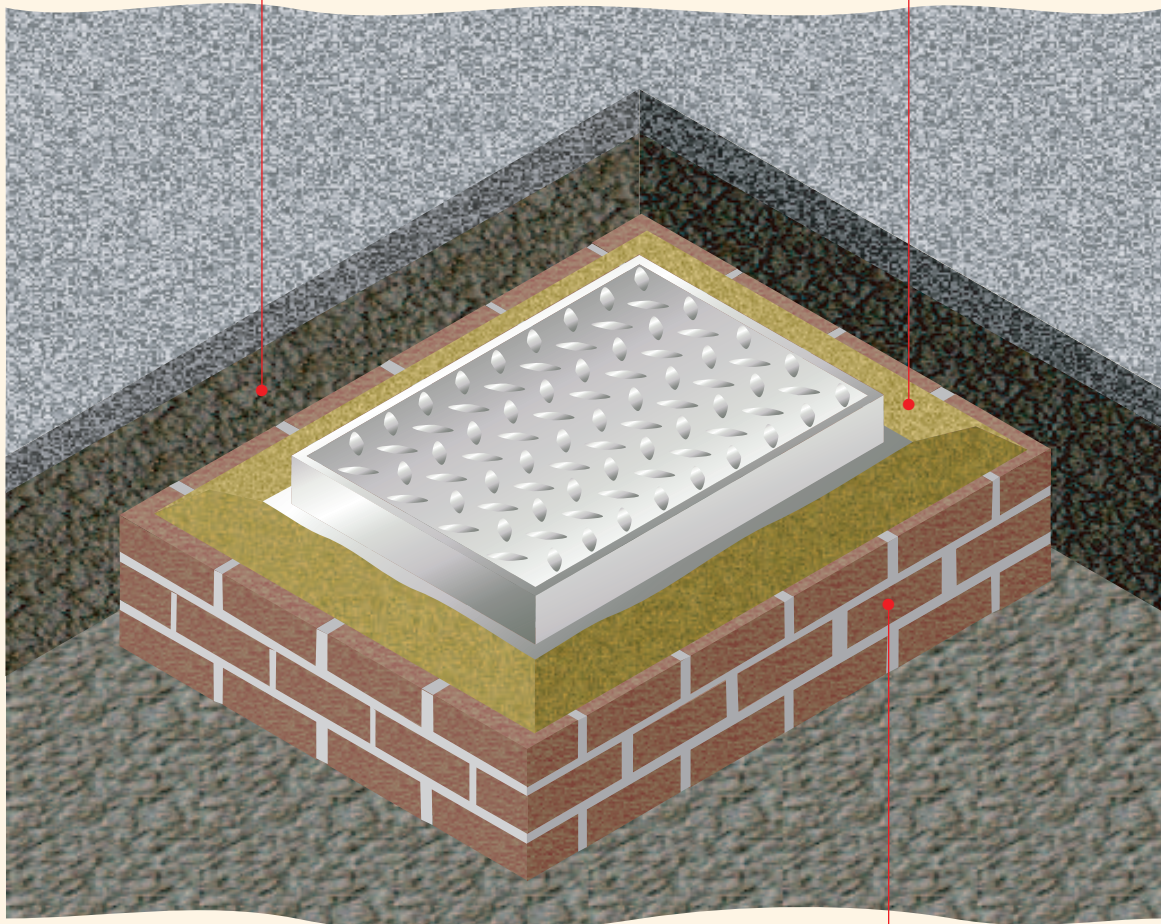


Bedding mortar

Use **weber.cem pyrabed** applied between 10 mm and 100 mm thick to bed down frame.

weber.cem pyrabed T60
weber.cem pyrabed T90

Traffic time
60 minutes
90 minutes



Brickwork

Take out loose and broken bricks and reinstate bricks with **weber.cem pyrabed T60** or **T90** mortar.

