

Manhole Repair System

Open to traffic
in 2 hours



5 year
service life



**Mortar
Buoy®**

Inflatable Dam



**Envirobed® /
Flowable**

Bedding and Parging
Mortar



QC10 F

Rapid set Flowable
Concrete



SCJ

SCJ Tack
Coat and
Joint Sealer



**Instarmac
Permanent
Road Repair®**

Permanent Cold Asphalt

1 Inflatable Dam

Mortar Buoy®



This inflatable device allows for a flowable mortar installation, creating a dam within seconds

- Simply fit and inflate
- Creates an instant dam within the chamber
- Aids in the prevention of water infiltration
- Prevents concrete, mortar and debris falling into the chamber
- Environmentally friendly – can be re-used
- Sizes available: 750mm x 1000mm (round for manholes)
- 700 x 700mm for catch basins

2 Bedding Mortar

Envirobed® HA104: High performance bedding mortar



The environmentally friendly bedding mortar specifically formulated for the bedding of all manholes.

- Workability: 15 minutes
- Set time: 30 minutes
- 53 MPa compressive strength in 3 hours
- 12 MPa flexural strength in 3 hours
- 6.10 MPa tensile strength in 3 hours
- No hazardous waste disposal
- Can be used in wet conditions and cold temperatures
- Open to traffic: 1 hour

3 Flowable Backfill Concrete

QC10 F:
Rapid Set
Fibre Modified
Flowable
Concrete



For backfilling around manhole frames and gullies and can also be used for surface repairs.

- Fibre modified
- Rapid set
- Open to traffic: 90 minutes
- Workability: 5-10 minutes
- Set time: 10-20 minutes
- Depth: 30-500mm / 1.20-20 inches
- 20 MPa compressive strength after 90 minutes
- 60 MPa final strength
- Shrinkage compensated

4 Cold Joint Sealer

SCJ: Seal and Tack Coat Spray



Apply onto the vertical edges and surface base before the application of asphalt.

- Prevents water ingress
- Prolongs the life of your repair
- Improves bond
- Can be used in all weathers
- No waste
- Simple and economical to apply

5 Surface Finish

Instant Road Repair



Permanent Cold Lay Asphalt

- Instantly trafficable
- No waste
- Easy to use
- Suitable for planned and reactive repairs
- Use with SCJ Seal and Tack Spray for a permanent repair
- Used in ALL weathers, climates and temperatures
- Depth: 50mm / 2 inches
- Resealable buckets