



Radlock Systems
L i m i t e d

Radlock Series 15



In a bid to ease congestion and traffic delays Radlock Systems have developed the Radlock Series 15 Locking mechanism that can fit to any trench plate, road plate or composite carriageway board.

The Radlock Series 15 is a heavier duty Radlock which is fixed to the underneath of the Trench plate, road plate or composite carriageway board when excavations are being carried out in the carriageway and passage of vehicular traffic movement is required throughout the ongoing works.

The bright yellow plates are made from reinforced plastic and are capable of withstanding 110tons. They weigh 35kg, yet they are stronger and lighter than steel plates used to cover the trenches at the present. The plates are 1.5m long and 0.5m wide, yet only 15mm thick so will only cause a minor 'bump' when motorists drive over them. However, the problem of fixing these plates in place was still an expensive and time consuming problem.

Radlock Systems have taken the technology used on the smaller Radlock Series 12 which secures footpath boards over excavations and increased the strength, size and capability of the Series 12 Radlock to develop the **Radlock Series 15**.

With the Radlock Series 15 there is no need to drill four holes per board which requires bolting down and more importantly removal then reinstatement of the holes in the road surfaces. As the 15 Roadplate incorporates the Radlock to retain the roadplate within the confines of the excavation, this obviates the need for additional equipment and expensive reinstatement of the roads surface.

The purpose of the Oxford 15/5 Roadplate incorporating the Radlock Series 15 is to provide a safe means of maintaining reasonable vehicular traffic during street works, where during this time; reinstatement would not be desirable or practical.

When tested the roadplates are capable of safely supporting a load of 12.5tons. The Radlock Series 15 also withstands loads and directional force in order to maintain a good contact with the road surface at all times. The Radlock Series 15 is secured in to the excavated sides by tightening the 22mm nut with a torque wrench until the desired contact is reached. When in place the Radlock Series 15 & 15 Roadplate has been tested to a vehicle weight of 44tonnes.

The Radlock Series 15 is constructed from 50mmx12mm Steel and plated in order to prevent corrosion; it has been constructed to open to a width of over 1020mm, but achieves its optimum strength in a trench of between 700-800mm. The Radlock Series 15 stands at a height of 445mm so is designed not to interfere with services in the excavation.



FOR FURTHER INFORMATION OR A FREE DEMONSTRATION PLEASE CONTACT
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