

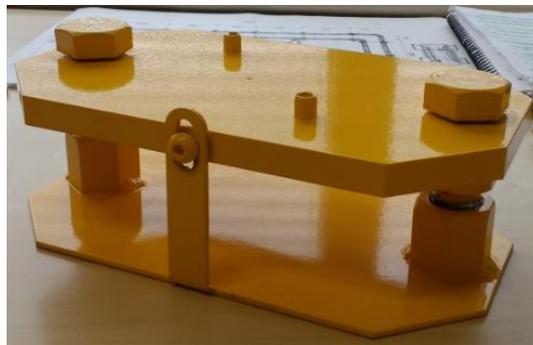
RMP 'Easy Strikes'

J Reddington Ltd (JRL Group) has designed and developed the RMP Easy Strike to improve safety while installing and removing props when using the Peri Slab Formwork System

While undertaking formwork installation and subsequent striking activities, our management team identified that a hammer was often used to tighten and release the Peri Multiprop collars. This often resulted in damaging the prop collar, and therefore, creating a potential safety hazard.

To ensure that this activity is undertaken in a safe manner, the company introduced a new component, the RMP 'Easy Strike', which is used with the existing Peri system. The RMP 'Easy Strike' simplifies the prop installation and removal process through placing the RMP under the prop and raised in to position using two bolts.

This product was initially used on our prestigious 'One Thames City' project and is now being rolled out on all our projects.

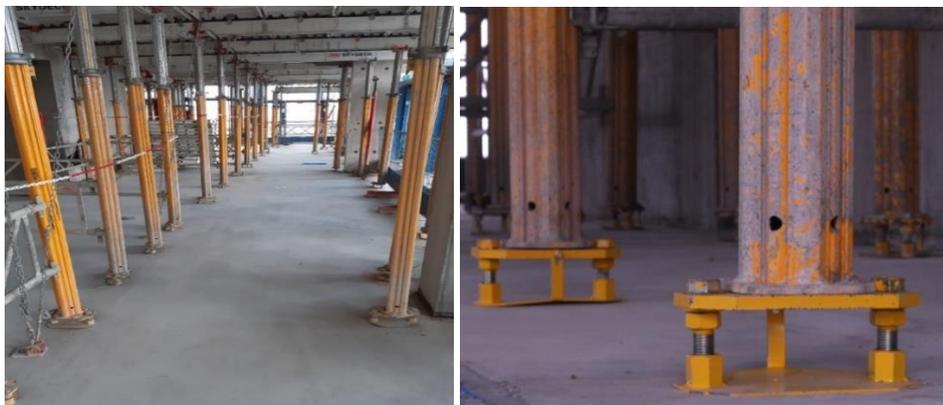


RMP 'Easy Strike'

Benefits

This new component provides the following benefit:

- Assists in the final levelling of the deck and can be adjusted in millimetres independently using each bolt.
- Stops any damage to prop collars – installing and striking without the need of a hammer.
- Improves the prop release application.
- Speeds up the striking and removal time of the Multiprop formwork following a poured slab.

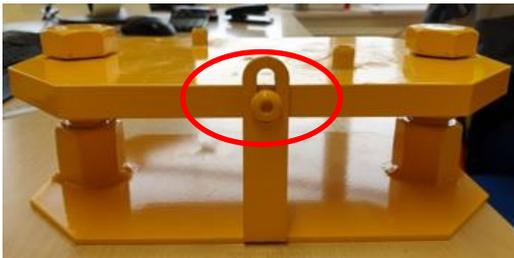


Method of Use

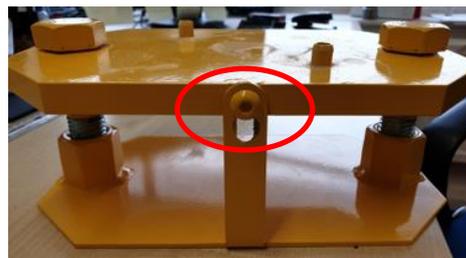
1. The RMP is placed in the correct location with the Multiprop placed on two location lugs on top of the RMP while it is at its lowest position



2. When the RMP is in its lowest position, the Allen nut is located at the bottom of the recess.
3. Then using an impact driver, the bolts are rotated to raise the RMP to maximum height locking the prop into position.
4. Four 360 degree rotations anti-clockwise of the two top bolts will raise the RMP to maximum height and the Allen nut is located at the top of the recess.



Lowest position



Maximum position

Maximum height is your starting position for use of the RMP.

5. Slide inner of Multiprop to desired height/length and the user apply light pressure with adjustments by hand using the Multiprop collar.
6. Levelling - when the Multiprop is in position the user can adjust the RMP by millimetres through using the RMP bolts to raise or lower the prop when user cannot make any further adjustments using the Multiprop collar by hand.



Removal

1. After concrete placement is completed the RMP is removed by simply releasing the tension by using an impact driver with 36mm socket to lower the RMP bolts with four 360 degree clockwise turns.



Using an impact driver lower the RMP

Easier use of the prop collar by hand

2. When the RMP is at its lowest position the prop can be removed by hand.

The new 'easy strike' system removes the need to use hammers or rubber mallets to release the Multiprop collars under load which prevents any damage being caused to the collars and providing a safe method of striking this type of formwork.

Our workforce have agreed that it is an easy to use system with no complications in the installation or removal of the component.