

Using The Prop Pal Plus Needle System

Maintenance

The Prop Pal needle should be inspected before and after each use. Inspections should ensure fastenings are tight and all parts are present. While cosmetic damage is acceptable, do not use the equipment if any structural damage is found.

Additionally, once erected, the needle, props and prop supports should be checked each day to ensure they are safe and secure

Thread support should be cleaned and lightly lubricated after use

PROP PAL PLUS NEEDLE SYSTEM PP1800

may require the person responsible for this equipment to carry out a specific risk assessment.

- Read instruction manual before use
- Seek expert advice on the loads, number of needles required and their
- The following items of personal protective equipment (PPE) are the minimum that should be worn whenever you use this needle system; Safety Helmet, Safety Boots, and Industrial Grade Gloves.
- Additional PPE may be required as determined by risk assessment.
- Do not exceed 1050kg per needle
- -Three person operation (2x to lift needle, 1x to locate jacking sleeve plate)

Intended Applications:

The Prop Pal needle is intended for applications where wide spans of wall require support, while steel beams are being inserted and hidden in the ceiling void. The system can be configured for ceiling joists running either parallel or perpendicular to the wall.

'These needle systems must not be used by minors, or by anyone under the influence of drugs or alcohol. Needle systems are designed for installation / use by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using them





























Floor Joist

adle. Secure in place with locking pin and

using best industry practice and a

To secure to the joist: insert sleeve over end of

body and secure with locating pin & clip

discent to aperture in wall to receive

The third person to position sleeve on floor

Support the outside end of the needle using

Sleeve and R-Clip

→ Acrow prop

Timber Spreader

z-person int.



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and the needles retracted.

 Once the beam is in place, and the masonry has been made good, the props can be removed pest bractice.

Remove the wall and insert the beam in line with equipment on site.

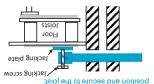
collision with equipment, particularly mobile Ensure that the props can not come into

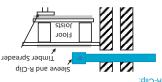
suitable surface before extending to take up the Ensure the props are vertical and resting on a For all assembly methods:



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Props should be supported in line with be Or, support via two props



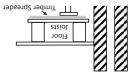


edle. Secure in place with locking pin and lo secure to the joist: insert sieeve over end of

brop using best industry practice. e Support the outside end of the needle using a

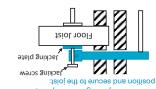


Create holes in walls and insert needle so end is



out the joist with a propulsing best practice:

For joists parallel to the wall:

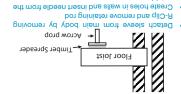


Attach the jacking screw plate,









Support the joist with a propusing best practice: For joists perpendicular to the wall: :uonerado





beam. Ensure those on site are familiar with the needles, demolition of wall and insertion of Risk assess and plan the insertion of the ensuring all fastenings are tight

Inspect the Prop Pal Needle for defects, incorrect installation or use or this product.

Prop Pal accepts no responsibility for the checked by qualified personnel before use. All supports and supporting ground must be suitable safe working load.

Ensure props to be used are Jacking and of a hiobs)

underground services in the region of the Note the position of services (particularly during the life of the falsework.

made secure against degradation by water Ensure the ground surrounding the props is

able to bear the load. Ensure the ground supporting the props is suitable. This includes being level, stable and

berpendicular to the wall.

Identify whether the ceiling joists are parallel or peuoddns

damage which could affect its stability when Ensure the wall is free from cracks or other

Do not space more than 900mm apart. responsible person regarding the weight of the overhead students to be supported. Seek advice from a structural engineer about how many Prop Pai needles are required and their spacing. only be undertaken by persons who have the necessary knowledge and experience to do the job safely. Consult with the architect or other expensible servent reastring the weight of the respective of the present that the mediatric or other consequences. remporary support of overnead structures snound The use of Prop Pal needle supports for the

Plan the use of the Prop Pal needle supports so that they can always be used safely.

setore use: