



PRODUCT INSTALLATION
GUIDE



SAFETY INSTRUCTIONS

Always check Rapid Lite products for signs of damage/wear before installation & **DO NOT** use ANY products if damaged.

Always follow installation instructions carefully. Do not use in any other way than shown.

Always use personal fall protection equipment during installation.

Never use installed Rapid-EPS products to tie off personal fall protection equipment.

Never use Rapid-EPS products to secure scaffolding.

When storing posts and panels, use Rapid-EPS stillages to prevent accidental damage.

Rapid-EPS system is designed for construction sites and should not be used to protect the general public.

Erected panels and posts should not be used for supporting construction materials in any way or form.

Rapid-EPS Ltd. products liability only applied to combinations of Rapid-EPS Ltd. products that are assembled according to Rapid-EPS instructions.

If the edge protection system is subject to a high load e.g. after a fall or inclement weather, a qualified person must inspect the relevant Rapid-EPS products before being used again. In case of any uncertainty, contact Rapid-EPS Ltd.

Never mix Rapid-EPS component with other systems.

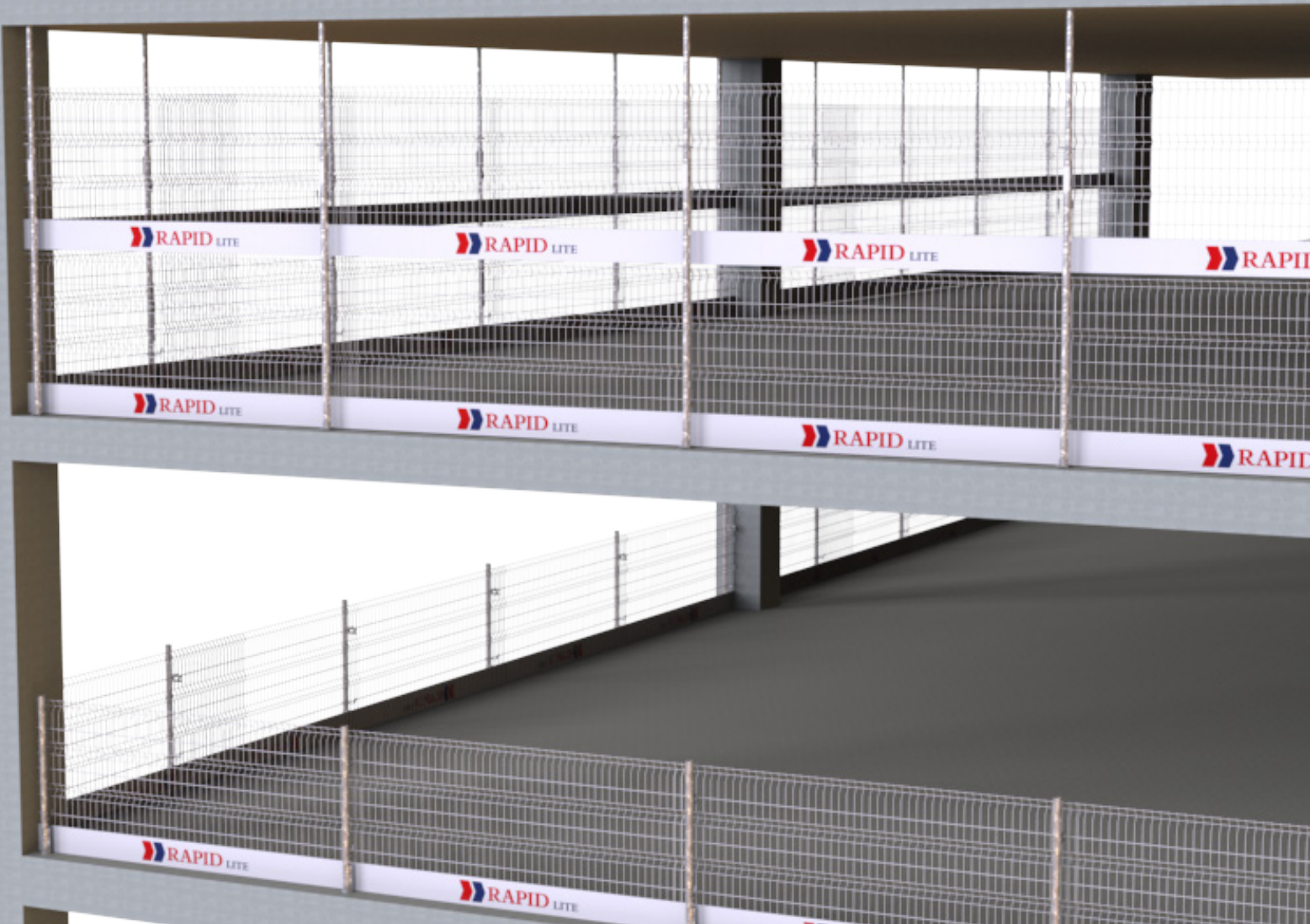
Rapid Lite product conform to:

European Standard - BS EN13374:2013+A1.2018 | American Standard - OSHA-1726.502 | Canadian/Ontario Regulation 213/91

TABLE OF CONTENTS

RAPID LITE SYSTEM	
RAPID LITE PANELS.....	05
RAPID LITE POST.....	09
RAPID LITE CONCRETE SOCKET.....	11
RAPID LITE STEEL SOCKET.....	15
RAPID LITE MULTI SOCKET.....	17

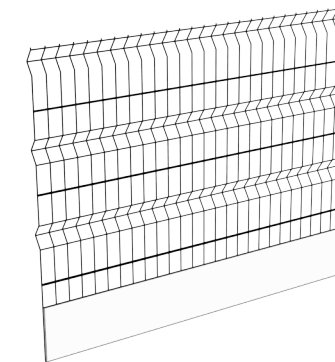
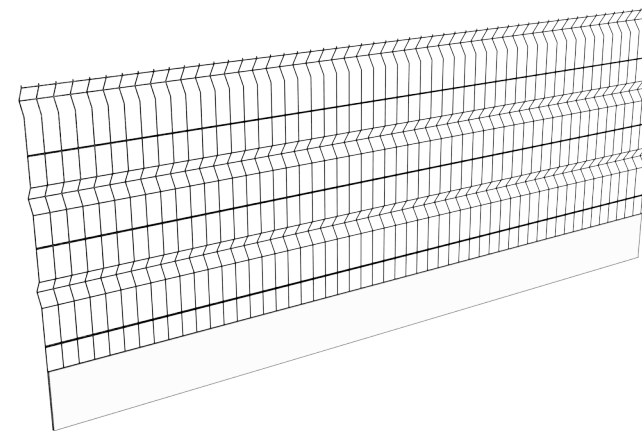




RAPID LITE BARRIER

WEIGHT FULL 2.6m - 17.5KG / 38.6LBS

WEIGHT HALF 1.3m - 9.0kg / 19.8LBS

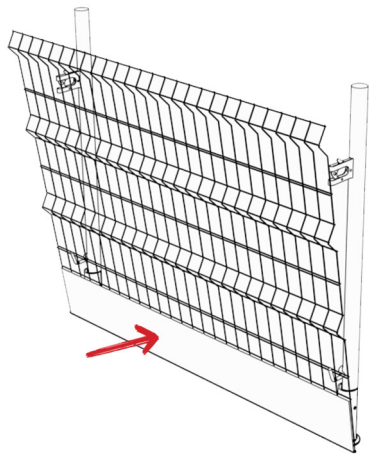


RLB001 - RAPID LITE BARRIER FULL (2.6m)

RLB002 - RAPID LITE BARRIER HALF (1.3m)

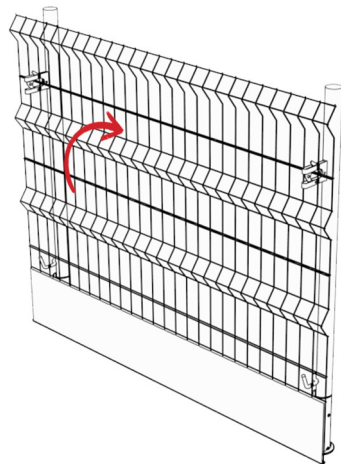
IMPORTANT: DISASSEMBLY PROCESS MUST FOLLOW THE INSTRUCTIONS IN REVERSE ORDER. IMPROPER INSTALLATION OR REMOVAL COULD RESULT IN SERIOUS INJURY OR DEATH.

1



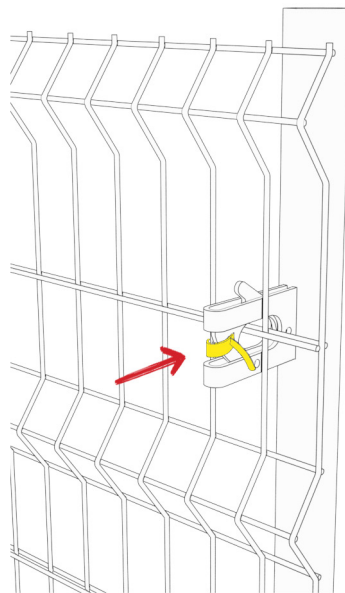
1. Locate the bottom hook first by angling the panel over the hook and pass through the mesh. This will allow the panel to be lowered to the ground and lock on the hook.

2

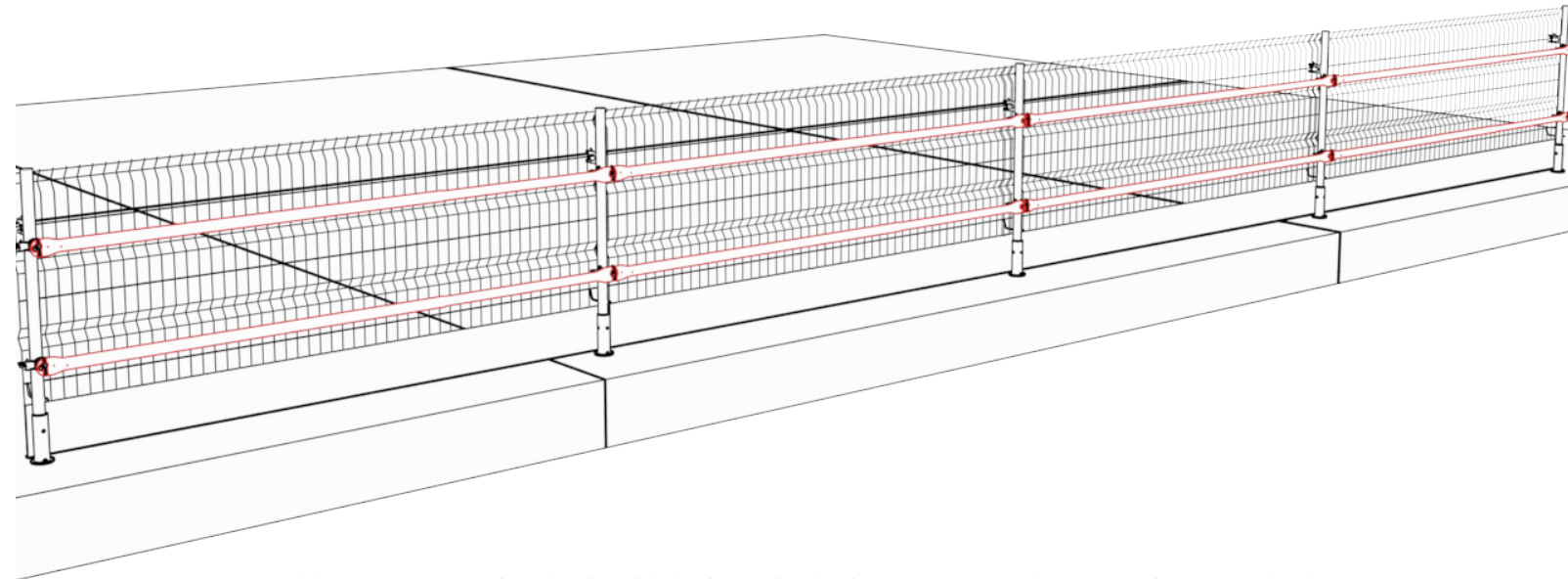


2. Let the panel sit on the floor and push the top of the panel towards the posts so that the latch engages with the panels horizontal mesh wire.

3



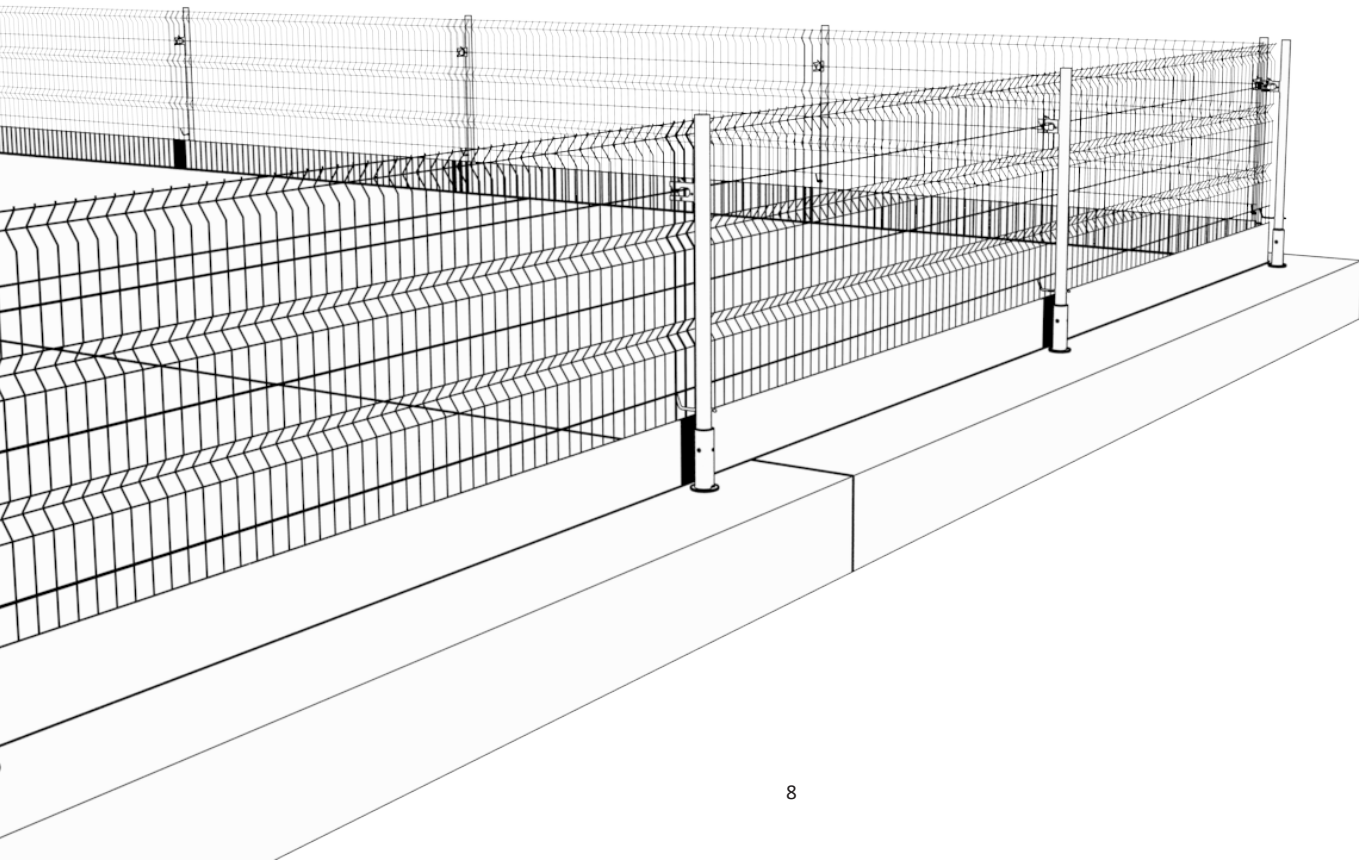
3. For additional security a cable tie can be added (Optional)



RAILS CAN BE ADDED TO BACK OF POSTS FOR PROTECTION WHEN PANELS ARE REMOVED BY USING A RAPID ANTI-LUCE FITTING BRACKET AND SR RAILS.

RAPID LITE POST

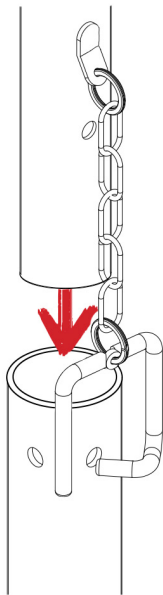
WEIGHT - 3.5KG / 7.7LBS



RLP001

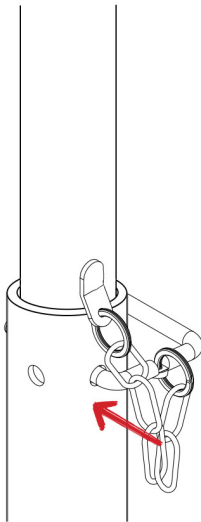
IMPORTANT: DISASSEMBLY PROCESS MUST FOLLOW THE INSTRUCTIONS IN REVERSE ORDER. IMPROPER INSTALLATION OR REMOVAL COULD RESULT IN SERIOUS INJURY OR DEATH.

1



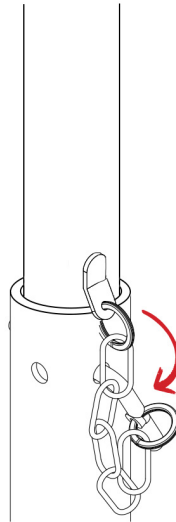
1. Place post into socket.

2



2. Push Rapid Pin through socket & Rapid Lite post.

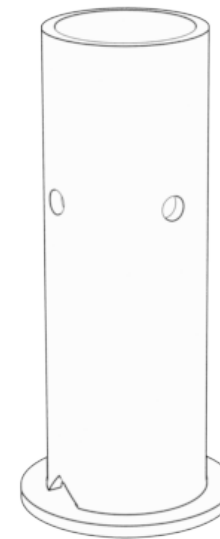
3



3. Rotate Rapid Pin into locked position.

RAPID LITE CONCRETE SOCKET

WEIGHT - 1.5KG / 3.3LBS



RLS001

IMPORTANT: DISASSEMBLY PROCESS MUST FOLLOW THE INSTRUCTIONS IN REVERSE ORDER. IMPROPER INSTALLATION OR REMOVAL COULD RESULT IN SERIOUS INJURY OR DEATH.

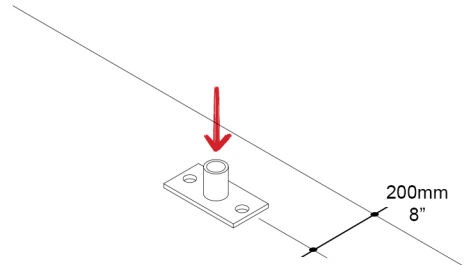
1

2

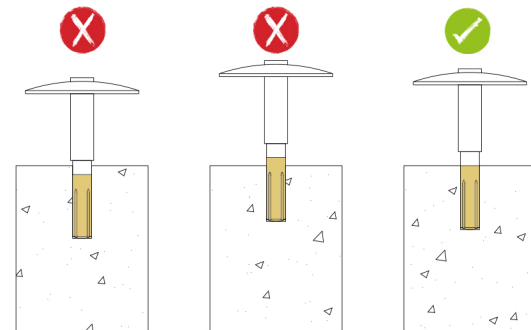
3

4

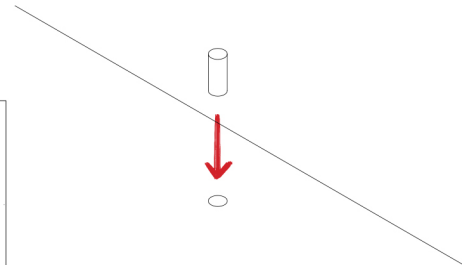
5



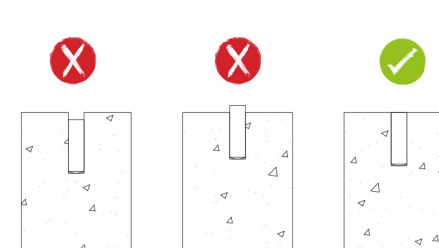
1. Using the drill alignment tool, drill a hole to accept an ØM16mm x 50mm / Ø5/8" x 2" wedge anchor, to manufacturers specification.



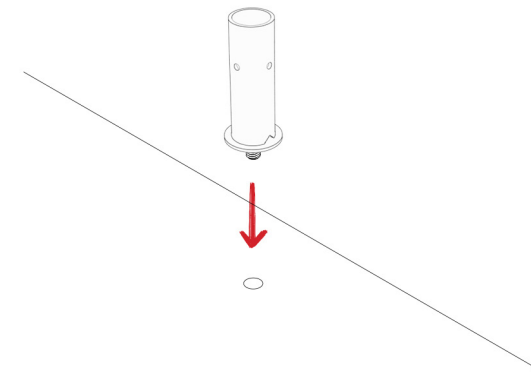
2. Check hole is the correct depth.



3. Fit wedge anchor into hole using manufacture approved equipment as specified.

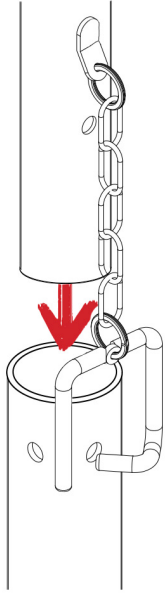


4. Check anchor bolt fits correctly into the drilled hole.



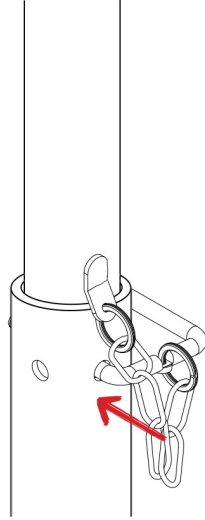
5. Screw socket base into wedge anchor.

1



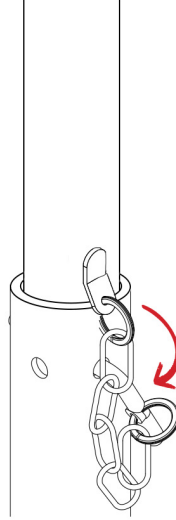
1. Place post into socket.

2



2. Push Rapid Pin through socket & Rapid Lite post.

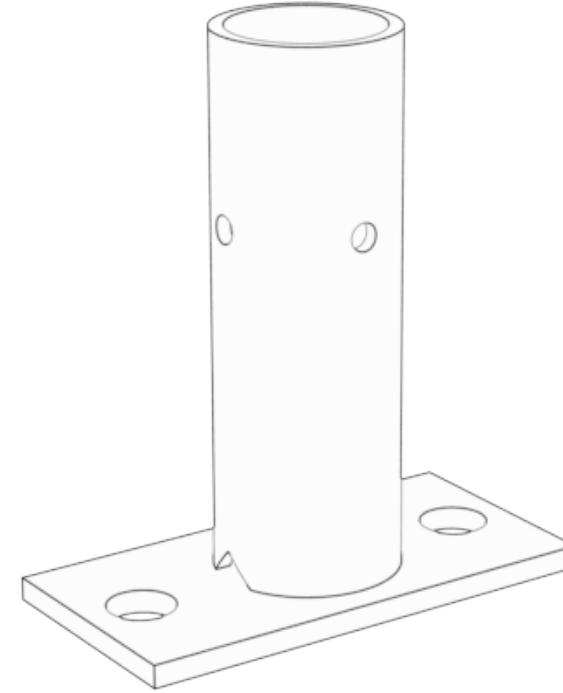
3



3. Rotate Rapid Pin into locked position.

RAPID LITE STEEL SOCKET

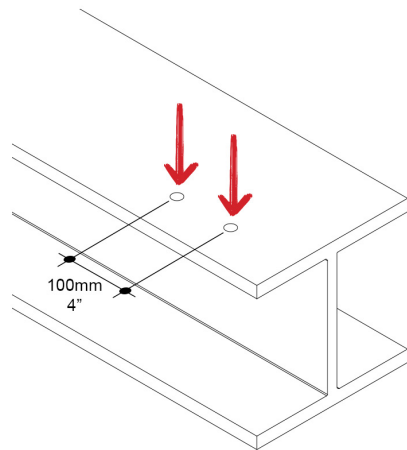
WEIGHT - 2.0KG / 4.4LBS



RLS002

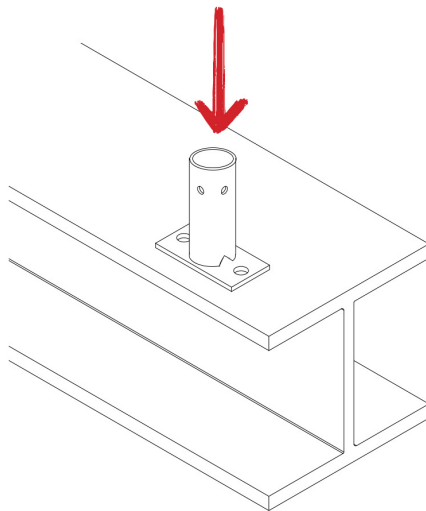
IMPORTANT: DISASSEMBLY PROCESS MUST FOLLOW THE INSTRUCTIONS IN REVERSE ORDER. IMPROPER INSTALLATION OR REMOVAL COULD RESULT IN SERIOUS INJURY OR DEATH.

1



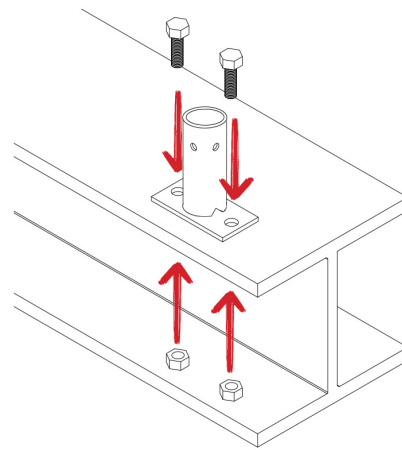
1. Drill 2No. Ø22mm holes into the top flange (unless pre-drilled by others).

2



2. Position the socket in place aligning with the holes.

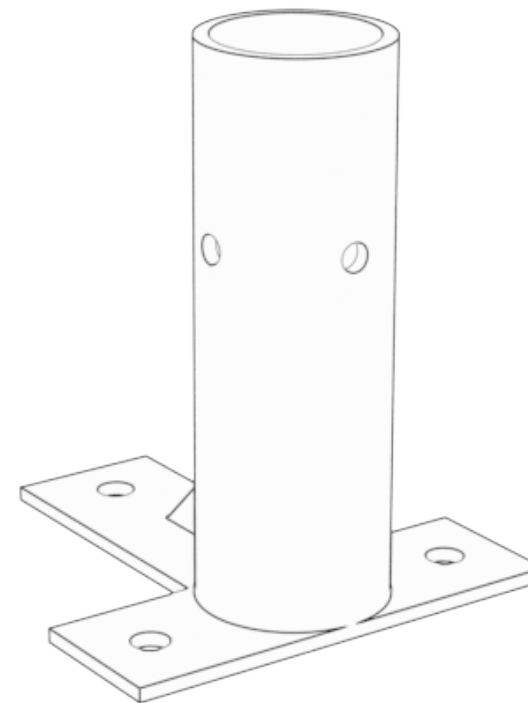
3



3. Bolt the socket in place using 2No. M20 nuts & bolts.

RAPID LITE MULTI SOCKET

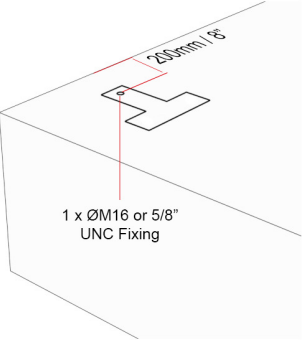
WEIGHT - 2.5KG / 5.5LBS



RLS003

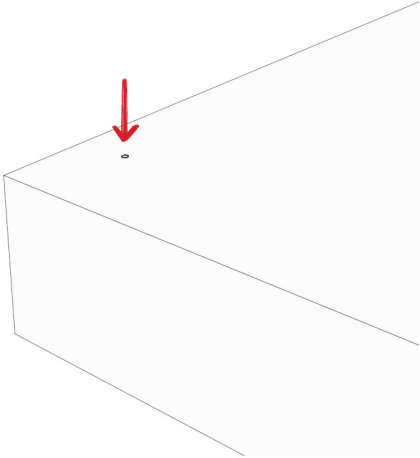
IMPORTANT: DISASSEMBLY PROCESS MUST FOLLOW THE INSTRUCTIONS IN REVERSE ORDER. IMPROPER INSTALLATION OR REMOVAL COULD RESULT IN SERIOUS INJURY OR DEATH.

1



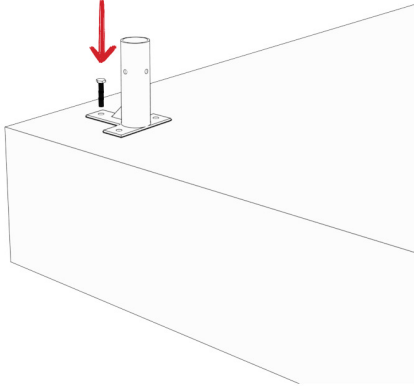
1. Mark position for holes using guidance dimensions above.

2



2. Drill required hole to size that it accepts a deep to accept an M10 x 60mm bolt (thunderbolt or equivalent).

3

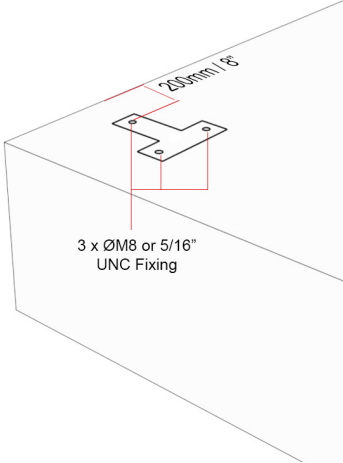


3. Position the Rapid Lite Multi Socket and screw bolt (thunderbolt or equivalent) into hole.

CONCRETE

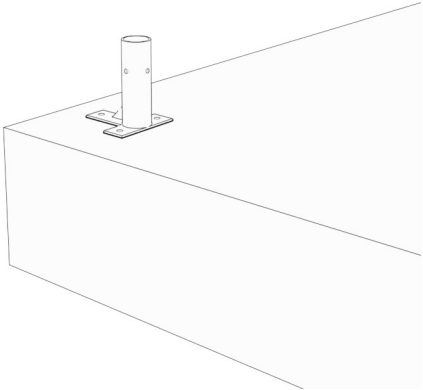
IMPORTANT: DISASSEMBLY PROCESS MUST FOLLOW THE INSTRUCTIONS IN REVERSE ORDER. IMPROPER INSTALLATION OR REMOVAL COULD RESULT IN SERIOUS INJURY OR DEATH.

1

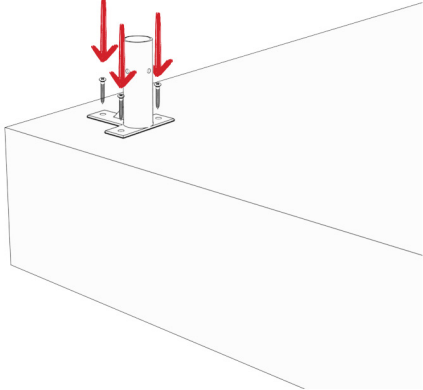


Minimum distance from slab edge.

2



1. Place the stand in position using the distance on the left image.



2. Position the Rapid Lite Multi Socket and screw 3 No. M8 x 60mm (5/16" x 2 3/8")Heco Topix fixings.

TIMBER

INFORMATION

TRACEABILITY

All Rapid-EPS products are Quality Assured to ISO 9001.
Rapid-EPS are Environmentally accredited to ISO 14001.
Rapid-EPS are accredited to EN1090 Execution Class 2.

Product data sheets and test certificates are available upon request.

CONTACT

Address: Rapid-EPS, Unit D, Treefield Industrial Estate, Gildersome, Leeds, LS27 7JU
Phone: 0113 252 8883
Email: sales@rapideps.com
Website: www.rapideps.com
LinkedIn: www.linkedin.com/company/rapid-eps/

IMPORTANT

ALWAYS carry out your own project risk assessment and produce a method statement for the installation of Rapid-EPS products prior to the commencement of any installation.

ALWAYS USE PERSONAL FALL PROTECTION EQUIPMENT

See Code of Practice PFPE ref. BS 8437, OSHA 1926.502 and Canadian / Ontario Regulation 213-91

DISASSEMBLY PROCESS MUST FOLLOW THE INSTRUCTIONS IN REVERSE ORDER. IMPROPER INSTALLATION OR REMOVAL COULD RESULT IN SERIOUS INJURY OR DEATH.

INFORMATION

RAPID-EPS PRODUCTS CONFORM TO:

British Standard - BS EN13374:2013+A1:2018

American Standard - OSHA - 1926.502

Canadian / Ontario Regulation 213/91

PATENTS & REGISTERED DESIGNS:

British Patent Application No. 0702539.8
European Patent Granted No. 07251449.0
United Arab Emirates No. 1007/2007
U.S.A. Patent Granted No. US8002229 B2
Registered Design Round Post EEC No. 001038509
Registered Design Round Post EUROPE No. 142293

9th February 2007
20th June 2018
1st November 2007
23rd August 2011
13th November 2008
20th April 2012

Doc Ref: RAP-LITE-INST-001-A

Issue Date: December 2022



**THINK
WORK
HOME SAFE**

HELPING MAKE CONSTRUCTION SITES SAFER GLOBALLY