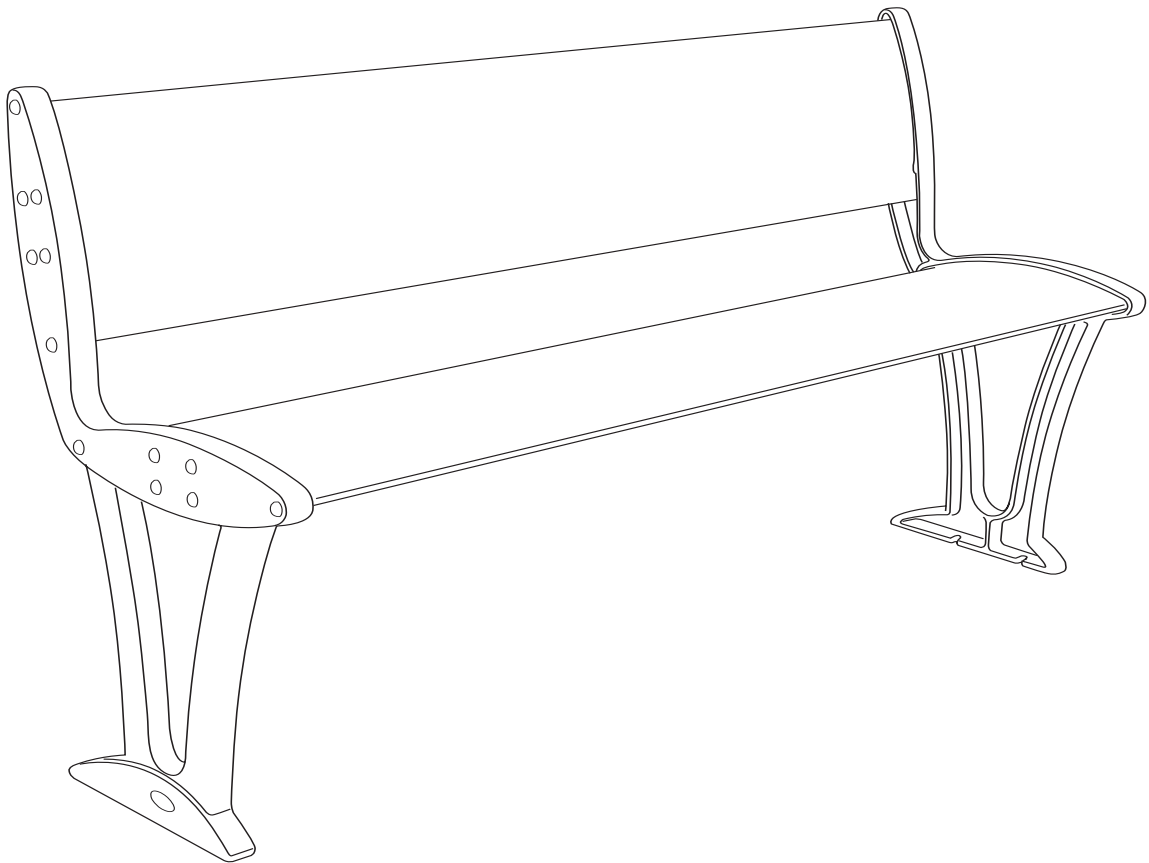




INSTALLATION INSTRUCTIONS FOR ARCHITECTURAL SEATING

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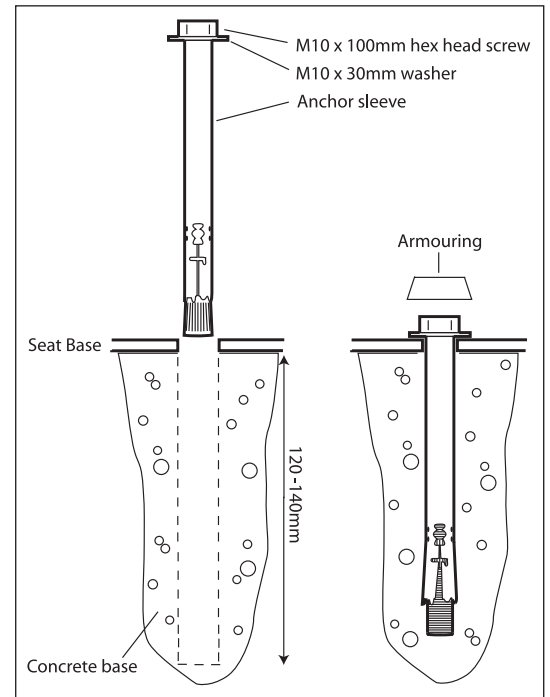
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INSTRUCTIONS FOR CONCRETE FIXING KIT (INTO PREPARED CONCRETE FOUNDATION)

**DISTANCE FROM EDGE OF FOUNDATION TO CENTRE OF GROUND BOLT
TO BE NO LESS THAN 110MM**

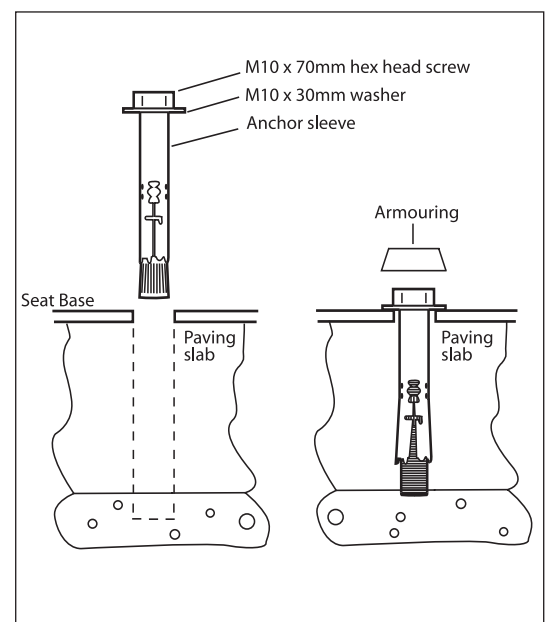
- 1) Place seat in desired position onto the concrete foundation and mark all four hole positions through seat ends with drill tip.
- 2) Remove the seat and drill marked holes to depth of 120-140mm using a 12mm diameter masonry drill.
- 3) Ensure holes are free from any obstructions and debris caused by drilling.
- 4) Ensure the washers are in position at the top of the bolts supplied.
- 5) Reposition seat so that base holes are aligned with drilled holes and insert all four fixings. Tap down fixings using a hammer.
- 6) Tighten up the nuts with 17mm socket until tight (maximum recommended torque setting is 40Nm).
- 7) Place one armouring over each fixing head and tap on with a hammer. Ensure that a washer is used beneath each nut as otherwise removal at a later date will be impossible. To remove, prise armouring off with a screwdriver.



INSTRUCTIONS FOR PAVING FIXING KIT (INTO PRE-LAID CONCRETE PAVING SLABS)

**DISTANCE FROM EDGE OF FOUNDATION TO CENTRE OF GROUND BOLT
TO BE NO LESS THAN 110MM**

- 1) Place seat in desired position onto the paved area, we recommend bridging two paving slabs, ensuring 110mm minimum distance is maintained from any edge to the centre of intended fixing points. Mark fixing positions through both seat ends with drill tip.
- 2) Remove the seat and drill marked holes through paving slabs at all four points.
- 3) Ensure holes are free from any obstructions and debris caused by drilling.
- 4) Ensure the washers are in position at the top of the bolts supplied.
- 5) Reposition seat so that base holes are aligned with drilled holes and insert all four fixings. Tap down fixings using a hammer.
- 6) Tighten up the nuts with 17mm socket until tight (maximum recommended torque setting is 40Nm).
- 7) Place one armouring over each fixing head and tap on with a hammer. Ensure that a washer is used beneath each nut as otherwise removal at a later date will be impossible. To remove, prise armouring off with a screw driver.



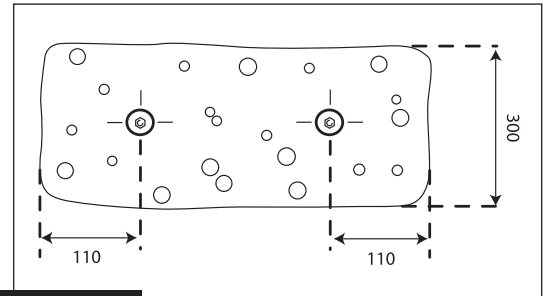
INSTRUCTIONS FOR ADJUSTABLE DEPTH CONCRETE IN ANCHORS (FOR CASTING INTO NEW CONCRETE FOUNDATIONS)

**DISTANCE FROM EDGE OF FOUNDATION TO CENTRE OF GROUND ANCHORS
TO BE NO LESS THAN 110MM**

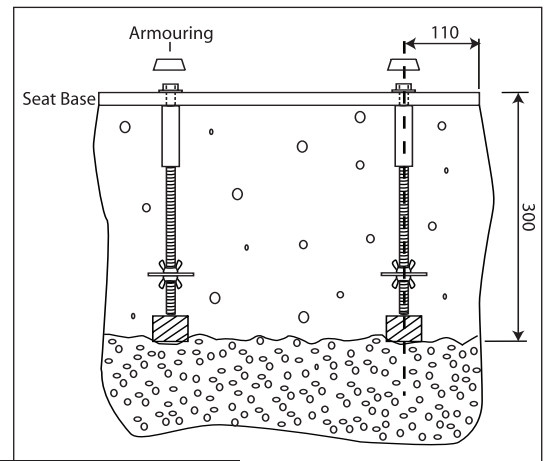
WARNING: Check for buried services. During the installation please be safe. Where necessary sign and guard your works safely with reference to New Road & Streetworks Act 1991 Chapter 8 T.S.R. & G.D.

SAFETY NOTE: We would recommend a health and safety risk assessment prior to the installation of this product.

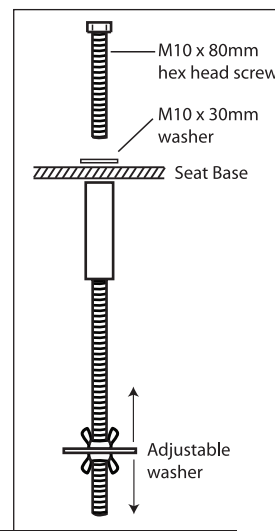
- 1) Site the product and mark out a minimum area around the seat fixing points as shown in the TOP VIEW.
- 2) Remove the product.
- 3) Dig holes at the two areas marked in (1) to an approximate depth of 300mm as shown in the SECTIONAL VIEW.
- 4) If the required depth cannot be achieved, then the depth of the fixing can be changed to suit by moving the washer along the threaded bar. Secure the washer by adjusting the wing nuts, and then cut off the excess from the threaded bar.
NOTE: The volume of concrete per fixing should be maintained by increasing the width or length of the hole.
- 5) Bolt the ground anchors to the product as shown in the SECTIONAL and EXPLODED VIEWS.
- 6) We would recommend the use of sand/aggregate/blocks in the base of the excavated holes to allow the product to be positioned at the correct height.
- 7) Lower the product into the excavated holes.
SAFETY NOTE: Due to the weight of the product we would recommend either a two or four man lift (dependent upon the product) or a mechanical lifting aid.
- 8) Using a spirit level ensure the product is horizontally level and positioned at the correct height.
- 9) With the product in position, pour the concrete mix into the holes as shown and allow to set. (We would recommend the use of quick setting concrete e.g. grade QC10)



TOP VIEW



SECTIONAL VIEW



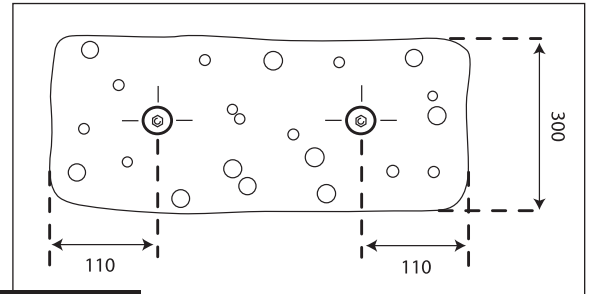
EXPLODED VIEW

INSTRUCTIONS FOR BELOW GROUND ANCHORS (FOR CASTING INTO NEW CONCRETE FOUNDATIONS)

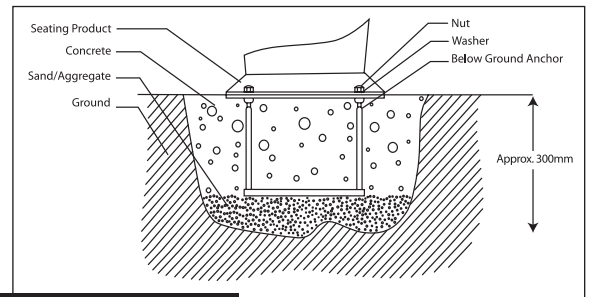
WARNING: Check for buried services. During the installation please be safe. Where necessary sign and guard your works safely with reference to New Road & Streetworks Act 1991 Chapter 8 T.S.R. & G.D.

SAFETY NOTE: We would recommend a health and safety risk assessment prior to the installation of this product.

- 1) Site the product and mark out a minimum area around the bottom bracket as shown in the TOP VIEW.
- 2) Remove the product.
- 3) Dig holes at the two areas marked in (1) to an approximate depth of 300mm as shown in the SECTIONAL VIEW.
- 4) Bolt both ground anchors to the product as shown in the SECTIONAL VIEW.
- 5) We would recommend the use of sand/aggregate in the base of the excavated holes to allow the product to be positioned at the correct height.
- 6) Lower the product into the excavated holes.
SAFETY NOTE: Due to the weight of the product we would recommend either a two or four man lift (dependent upon the product) or a mechanical lifting aid.
- 7) Using a spirit level ensure the product is horizontally level and positioned at the correct height.
- 8) With the product in position, pour the concrete mix into the holes as shown and allow to set. (We would recommend the use of quick setting concrete e.g. grade QC10).



TOP VIEW



SECTIONAL VIEW

**Should you require any further assistance please contact us on
tel: 01253 600410, fax: 01253 792558 or email: sales@glasdon-uk.co.uk**



In accordance with our policy of continuous development and improvement, we reserve the right to make changes in design and specification without notice.

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