



## Detail Sheet 16

### SECURITY ANCHOR INSTALLATION

Excel Security Anchor, Excel Park Security Anchor

SHELFORD DESIGN LTD

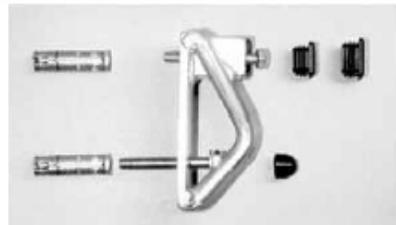
Unit 10 Blagdons Storage

250 Embankment Road

Plymouth

Devon

PL4 9JH



#### Installation:

1. Locate the Excel at a suitable height and orientation, mark the two hole locations, drill a 14mm diameter hole x 55mm deep with a suitable masonry drill at each location into sound masonry or concrete and clean out the holes.
2. Finger tighten a bolt into the shield anchor prior to inserting into the brickwork flush to wall surface. Give 2-3 turns of the bolt to expand the shield anchor in the wall then remove the bolt.
3. Attach the Excel with 2 x M8 x 60mm bolts with a washer under each bolt head and fully tighten. Recommended torque is 25 Nm.
4. Attach the Excel with 2 x M8 x 60mm bolts with a washer under each bolt head and fully tighten. Recommended torque is 25 Nm.

**Tip:** To locate the bolt in the base plate under the crossover the bars insert into hole at a 45 degree angle. Use a box or standard socket to tighten bolt in square section and a thin open ended spanner for the other

5. When fitting Excel Parking with the base plate, follow the simple instructions that come with the base plate in conjunction with these instructions.
6. Add Superglue to the ribbing and base of the smaller square end plug, insert into the square section and gently tap to the bottom of the square section. Bond the plastic cap over the head of the other bolt head.
7. Apply Superglue or similar to the ribbing of the larger outer cap and tap into position.

#### Security

- For maximum security run a security cable through the Excel then figure of eight through the wheels and around the frame to safeguard the security of the complete bike. the Excel will also take a D-Lock up to 30mm diameter.
- Anchor bolts are tamper proof and heavy duty with a combined pull-out load of 6500lb.