

INSTALLATION INSTRUCTION - SOLBVHALO-FX2 High security baseplated to existing slab

Included in the kit:

- 3 x M8*100mm stainless steel allthread
- 3 x M8 stainless steel tamperproof "Shearnuts"
- 3 x stainless steel tamper proof solar head fixings inc. tool.

Please note: SOLBV-FX6 Chemset epoxy required, 1 x 300ml tube will install up to five bollards.

The installation details below assume the existing slab is in good repair slab is level. If the slab is not level engagements to ensure the solar bollard is installed plumb will need to be made. Contact us if this is the case, contact the office, we're happy to offer some advice.

1. Mark, and using a depth guide drill a 10mm x 85mm deep hole in the existing concrete slab
2. Using a small bottle brush and blower (a bike pump is suitable) ensure all cement dust is removed from the hole. Wear correct PPE to protect your eyes and ensure you do not breath the cement dust.
3. Wearing gloves, screw the mixing tip onto the Chemset tube and insert into the chalking gun. Read the instructions on the tube for detail.
4. Fill one hole at a time with the Chemset mixture to approx. $\frac{1}{2}$ then screw the threaded rod into the hole ensuring 15mm remains exposed, this step needs to be completed promptly. Wipe away any excess epoxy ensuring none is on the exposed threaded rod.
5. Read the instructions on the Chemset tube advising curing times
6. Once fully cured place the bollard baseplate over the threaded rods and using a spirit level, ensure the stem is plumb. Level if required
7. By hand, screw the stainless steel tamper proof nuts onto the exposed studs until seated, about half a thread should be visible.
8. Using a 17mm ring spanner tighten the shearnuts until the section of the nut you are tightening "shears away" leaving a domed nut firmly attached to the threaded rod.
9. Install the remaining sheer nuts in the same manner ensuring the stem remains plumb
10. Using the tool supplied align, insert and tighten the 3 x tamper proof screws to secure the solar light head to the stem.

Feel free to contact the office on the number below for any assistance with your install



M8 Shearnuts



Tamper proof solar head fixings



Chemset epoxy



M8 x 100 Allthread