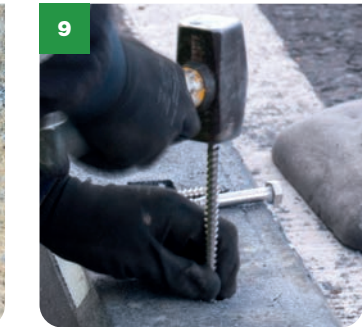


FITTING



- » Mark out location area with chalk or tape.
- » Lift the unit into place.

- » Ensure correct positioning before drilling.

- » Using an SDS drill with the 14mm drill bit provided, carefully and vertically drill out the holes to a depth of 110mm. **Tip: Mark depth on bit using tape 240mm up from the drill point.**

- » Blow out the holes using compressed air to clear out any residue/dust left from the drilling. **Note: Wear eye protection.**

- » Attach the bollards (if used).
- » Tighten the bollards.

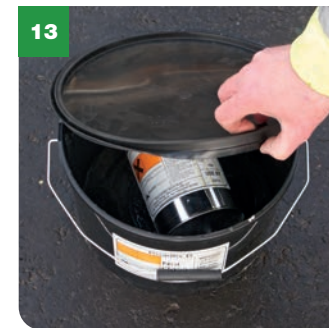
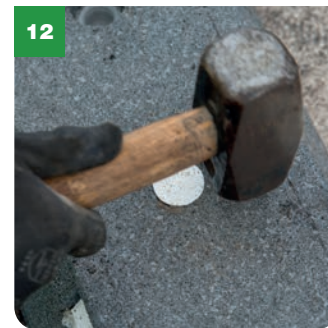
- » Clip the anchor resin cartridge to the cage gun, cut off the end, attach the nozzle and squeeze the trigger to pre-mix the two components in the nozzle until a uniform mix exudes.

- » Insert the gun and nozzle to the bottom of every hole.
- » Squeeze and withdraw the gun slowly until the liquid is visible at the surface. **Note: The hole must be filled completely with resin.**

- » Following on quickly behind, insert the plugs into each hole.

- » Tap the plugs down until they are through and past the metal base bracket. **Note: Forcing the coach screw and plug together will only expand and damage it, preventing full penetration.**

FITTING



- » The screws should then be hand turned in and tapped gently to start. Crank down fully in a crisscross formation across the unit using a 19mm socket and air/electric impact driver (nut runner). **Note: Using a manual hand ratchet will not provide sufficient torque and strength to tighten the screws sufficiently, and may affect the warranty due to poor installation.**

- » Apply a small amount of the remaining anchor resin to the bolt heads of the shallow holes (thin covers) and the side wall of the thicker covers for the deeper holes. Fit the screw covers using a flat screwdriver to guide in.

- » Tap in flush with a lump hammer and wipe off any residue.

- » Dispose of all fixing waste responsibly.



FITTING INSTRUCTIONS

Have you read the pre-installation notes?



The following instructions correspond to our latest information. We advise you to carry them out carefully and thoroughly to prevent mistakes during the fitting process, which could result in damage to the product, loose fixings or a weak surface bond.

IMPORTANT

- The manufacturer or supplier will not accept responsibility for any failures due to an improper installation sequence.
- Our products should not be fitted to newly laid asphalt surfaces. The surface should be allowed to fully cure for at least a week prior to installation to ensure it has de-gassed and become fully consolidated. Concrete surfaces must have at least 40mm thickness of wearing course.
- The surface must be swept and dried before installation to ensure it is free of debris, water, oil and chippings.
- Fitting should not be carried out during inclement weather such as rain and minus temperatures.
- The completed installation, especially fixings, should be checked on a regular basis by the client/contractor.

Prior to installation, please ensure that you have all the supplied components and equipment:

- Lifting eye
- Paddle mixer
- 14mm SDS drill bit
- Resin anchor cartridge
- Cage gun
- Plastic plugs
- Coach screws
- Plug covers

Equipment required:

- Lifting equipment
- Lifting straps or chain and hook
- Latex gloves & safety glasses
- Measuring & marking equipment
- Stanley type knife
- Hammer
- SDS drill and 3/4" standard chuck drill
- Compressor, generator & blow lance
- Impact driver (nut runner)
- 19mm socket
- Pliers/screwdriver
- PPE



FITTING

Narrow
Cycle Lane
Defenders

INSTRUCTIONS



For further information on these fitting instructions, or any technical enquiries, phone **+44 (0)1422 839 456**, or visit **www.rosehillhighways.com**

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