



SAFETY FIRST

Survey the site for buried services before commencing excavation.

Isolate the mains electrical supply before commencing installation.

All electrical work must be carried out by suitably qualified engineers in accordance with the latest IEEE regulations.

	Nominal Weight	Dimensions	Packaging
Retention Socket	16kg	336 x 90 x 175	1 per box

Required for new installations (sold separately)

FOUNDATION PREPARATION

- Excavate a hole 475mm x 390mm x 410mm minimum depth.

Note: If the surrounding ground is loose or uncompacted then a wider/deeper concrete foundation should be used.

- Install suitable ducting from the base of the excavation to the electrical supply.
- Fill the hole with compacted hardcore to 335mm away from the ground level.
- Place the RS50x50 retention socket in the centre of the hole, ensuring that the cable restraint is present, then install the groundworks cable to a suitable isolated 24V AC electrical supply.

Note: The IP68 socket with 50mm of cable must protrude from the top of the retention socket to ensure correct fitment.

- Ensure the RS50x50 retention socket is in a vertical position, using a short section of 50x50 RHS (Rectangular Hollow Section) and a spirit level.
- Fill the foundation with a minimum grade ST4/C25 concrete mix, removing air pockets with a vibrating poker, up to 25mm of the top of the socket to allow for final surfacing.
- Remove the 50x50 RHS and replace the socket rebate cover.

TOOLS REQUIRED

19mm spanner.

5mm Allen key.

	Nominal Weight	Dimensions	Packaging
Guide Post	7.5kg	750 x 270 x 110	1 per box

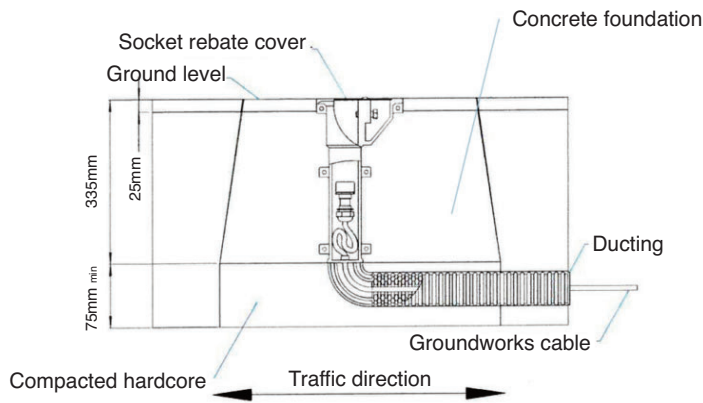
Item sold separately

INSTALLING THE GUIDE POST

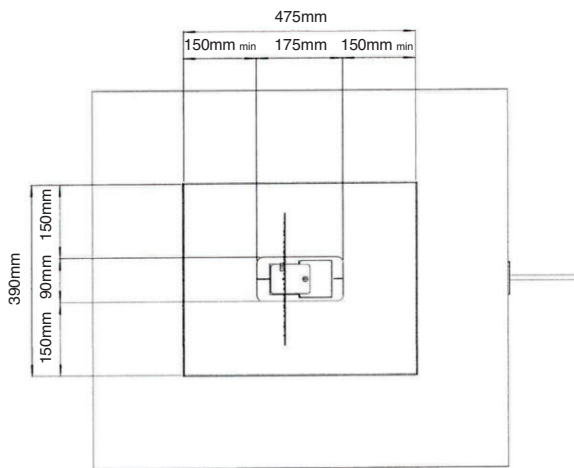
- Once the foundation is set, place the Guide Post into the socket, connect the IP68 plug and socket and secure the stainless steel bolt against the Guide Post base.
- Retain the socket rebate cover and angle plate in the socket cavity and replace the socket cavity lid.
- Check that the Guide Post is in a vertical position.
- Connect the 24V AC electrical supply and ensure that the Guide Post illuminates.

Note: Failure to follow these instructions may result in premature failure of the product.

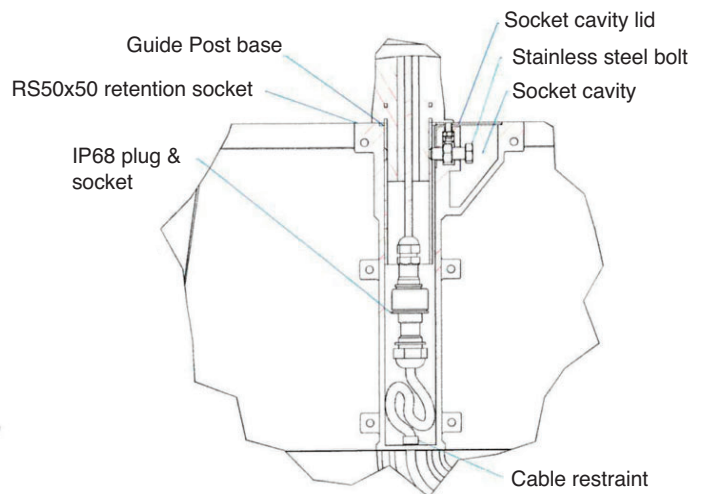
Simmons signs Limited reserves the right to alter or improve this guide without prior notice.



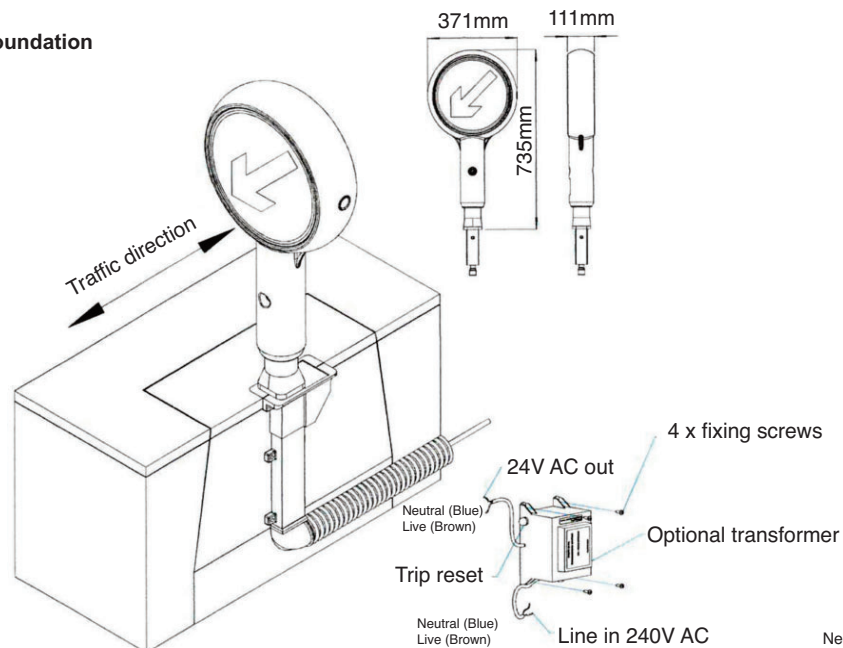
Section through side elevation of foundation



Plan view of foundation



Section through installed base



Note: Alternatively Neutral (Black), Live (Red)

Simmons signs Limited reserves the right to alter or improve this guide without prior notice.