

# Duracast™ polyurethane fixings

## Root fixed (-RT)

Duracast™ polyurethane (PU) posts are available with steel root sections of various lengths dependant on the post type.

## Core drilled

Where excavation is not convenient, various posts, depending on the root size, may be fixed by core drilling. A section of the ground is cored and removed, the post is then positioned and secured with a non shrink resin providing a secure and neat fixing.

## Base plated (-BP)

Posts may be supplied with a pre-drilled baseplate which allows the post to be bolted to the surface of the ground. This may be advantageous where underground services are present such as electric cables or pipe work requiring shallow foundations.

## Rail

Duracast™ polyurethane (PU) rail tube is particularly advantageous for waterside applications due to its resistance to corrosion and low maintenance requirements. PU Rail tube is mainly supplied in lengths to fit post centres up to 2 metres. This is suitable for most applications.

PU post and rail systems may also be supplied with either mild steel or stainless steel rail.

**Rail:** 50mm dia. x 2000mm Duracast™ Polyurethane (PU), painted black as standard.

Rail tube is secured into the rail posts using a betafil 1025 polyurethane sealant as indicated in FIG 1. **Tube of sealant.** Sealant gun.

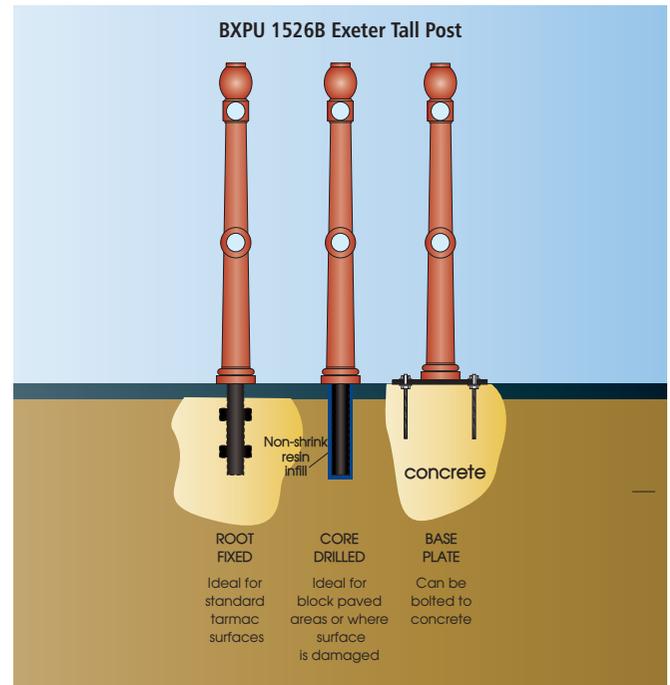
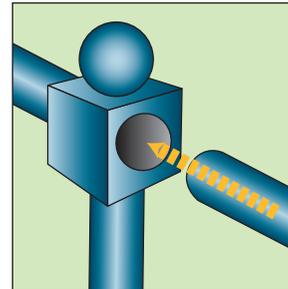
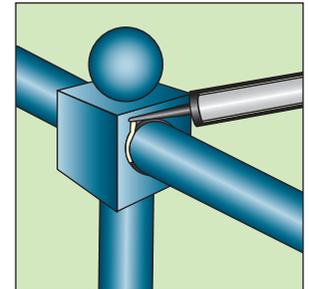


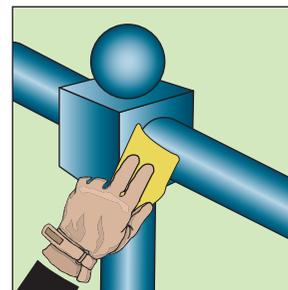
FIG 1.



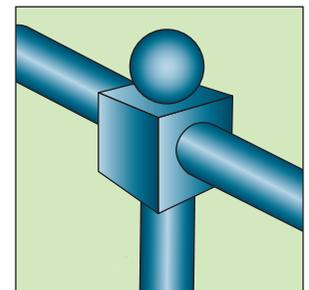
Slide rail into positioned post and push in as far as possible.



Apply sealant into open gaps to seal any holes and secure rail tube into position.



Remove excess sealant and tidy up as necessary.



Finished post and railing system firmly secured together with sealant.