

## **FENCING TYPES FOR USE ON CONSTRUCTION SITES**

### ***BS5837:2012 (Figure 2) Default Specification for protective barriers / fencing***

- Vertical and Horizontal scaffold framework
- Vertical tubes spaced at a maximum of 3m and driven securely into the ground
- Upright tubes braced to resist impacts through inclusion of poles secured into ground
- Weldmesh panels should be securely fixed to supports

*NOTE: Care to be taken with locating poles & braces into ground to avoid underground services and tree roots*

### ***BS5837:2012 (Figure 3) Alternative Specification for protective barriers (on soft surfacing)***

- 2m tall welded mesh panels (Heras or equivalent)
- On rubber or concrete feet
- Joined together using a minimum of two anti-tamper couplers installed from inside
- Couplers spaced 1m apart and uniform throughout fence
- Supported on stabilizer struts attached to a base plate secured with ground pins

*NOTE: Care to be taken with locating ground pins to avoid underground services and tree roots*

### ***BS5837:2012 (Figure 3) Alternative Specification for protective barrier (on hard surfacing)***

- 2m tall welded mesh panels (Heras or equivalent)
- On rubber or concrete feet
- Joined together using a minimum of two anti-tamper couplers installed from inside
- Couplers spaced 1m apart and uniform throughout fence
- Supported on stabilizer struts mounted on a block tray.

*NOTE: This method can also be used to avoid known underground services and tree roots*

### ***Alternative Options for consideration on Low impact sites (Pedestrian Access only)***

*(These would need to be agreed in writing by the local planning authority prior to inclusion)*

### ***Low impact options for protective barriers (Pedestrian access only & on soft surfacing)***

- 1.2m tall Chestnut paling or;
- 1.2m tall High visibility mesh barrier
- Supported on vertical uprights driven into ground
- Uprights braced where necessary to resist minor impacts

*NOTE: Care to be taken with locating uprights and braces to avoid underground services and tree roots*

### ***Low impact option for protective barriers (Pedestrian access only & on hard surfacing)***

- 1.2m tall Chestnut paling or;
- 1.2m tall High visibility mesh barrier
- Supported on vertical uprights on feet
- Uprights braced on stabilizer struts mounted on a block tray to resist minor impacts

*NOTE: This method can also be used to avoid known underground services and tree roots*

### ***Using permanent fencing for protective barriers (Sites with pedestrian access only)***

- 1.2m tall post and rail or;
- 1.2m tall post and wire (stockproof netting and straining wire)
- Main posts 10mm diameter
- Supported through straining posts of 20mm diameter every 20m
- Posts driven into ground

*NOTE: Care to be taken with locating uprights and braces to avoid underground services and tree roots*

*NOTE: The protective fencing examples listed above are not exhaustive; other designs would be considered following provision of detailed information relating to construction and materials.*