

How to Specify Pudsey Diamond Mid-hinged Column

Columns should be specified as a mid hinged inverting type, manufactured to BS5649 and EN40 and hot dipped galvanised after manufacture to BSEN ISO1461. The base section should be treated as standard with a finish in accordance with Highways Agency G1 root protection system, to a minimum of 250mm above ground level, with the ground level being clearly marked with a label on the column. The column should be supplied as standard with a flush fitting tri head door lock and the door should be fully earthed to the column base section with a flying lead. The backboard should consist of 12mm thick exterior ply, treated after cutting to shape with preservative. The hinge arrangement consists of a stainless steel bolt fitted inside 2 phosphor bronze bushes to protect against seizure of hinge mechanism. The hinge profile is also to be shaped to stop the ingress of water down the column shaft when in the closed position. The base section is to be cylindrical with an integral 'non welded' formed swage and a lower shaft section which is to be profiled so as to ensure that when the counter balance arm is in the closed position, the column shaft remains with a cylindrical appearance. This lower section also has a self locking snap shut arrangement, which will also have a 'secret' padlocking facility where the padlock is inside the column base section and there are to be no protruding parts when the column is in the closed position. The top section of the column shaft also acts as the counter balance arm and is shaped to match the lower shaft profile. There is also a loop facility to allow a pull rope to be connected for raising and lowering the column shaft.