

- 6.1.12 Every entry to trunking shall be placed so to prevent the ingress of water and all dead ends shall be closed. Only unbroken lengths of trunking shall be used for crossing partitions and walls.
- 6.1.13 Where cable trunking passing through walls, floors or other barriers it shall be provided with a continuous cover and an internal fire barrier where fire separation is specified for the premises.
- 6.1.14 Where a common cable trunking is used for housing both power and communication circuits, or for housing circuits operating at different voltages, the trunking shall be provided with separate compartments for the different types of circuits.
- 6.1.15 All bends, tees and other accessories of cable trunking shall be of substantial sections and of the same quality as the trunking itself.
- 6.1.16 The different sections of trunking shall be bonded by copper links although the trunking shall not be used as ECC.
- 6.1.17 Only galvanized steel or rigid, high impact, heavy gauge PVC conduit shall be used for any installation where conduits are to be installed.
- 6.1.18 The minimum internal radius of any bend or elbow fitting in a conduit shall be 2.5 times the diameter of the conduit.
- 6.1.19 All the terminal and intermediate ends of the PVC conduits shall be firmly secured with suitable adhesives as recommended by the manufacturer.
- 6.1.20 The circuit wires, bunched and installed in all vertical trunking runs shall be clamped/secured within the trunking at regular intervals, not exceeding 2 meters and at the terminal ends.
- 6.1.21 The standard conduit boxes, draw-in boxes and mounting boxes of light fittings and appliances shall be fixed to the building structure independently of the wiring conduits.
- 6.1.22 All exposed threads, tool-marks or visible damage to the protective finish of the steel trunking and conduits shall be coated with zinc rich paint immediately after installation
- 6.1.23 Suitable expansion couplers shall be provided in all trunking and conduit runs at the expansion joints in the building structure and at regular intervals in all runs exceeding 7 meters in length or as recommended by the manufacturer.
- 6.1.24 Suitable purpose-made boxes with adaptors, ceiling roses etc. shall be provided at all individual outlet points of the wiring installations.