Skirting Duct and Fittings

CCMS Duct shall:

- Comply with AS 1345 (Identification of the Contents of Pipes, Conduits and Ducts)
- Where required comply with AS/ACIF S008 (Requirements for Customer Cabling Products for Telecommunications Networks)
- Ensure ducting is securely fastened according to AS/NZS3000 wiring rules
- Where required be provided with separate compartments for power & voice/data cables with a central 'fit-off' zone to ensure AS/NZS3000 compliance
- Supply and install a two or three-compartment duct with either drop-in lid or clip-on lid as specified and as indicated on the tender drawings
- Have skirting duct body measuring one of the following sizes: 35mm x 125mm / 35mm x 150mm / 50mm x 150mm / 50mm x 200mm and extruded from aluminium alloy B6060 with T5 temper and having a powder-epoxy coated finish to the exposed surfaces in one of the Clipsal Cable Management Solutions' standard colours.
- Have duct lid manufactured from rust proofed marviplate in a matching colour or extruded aluminium in a natural anodised finish. Alternatively duct lid shall be made from aluminium alloy B6060 with T5 temper and having a powder-epoxy coated finish to the exposed surfaces in one of the standard Clipsal Cable Management Solutions' colours
  - » Utilise a tool for lid removal (clip-on lid only), this tool should be purpose made for the task
  - » Have a skirting duct body in 2.4 metre lengths and lid panels in 1.2 metre lengths
  - » Ensure straight butt joints are secured and aligned with alignment plates and spring-clipped splice plates
  - » Ensure exposed duct ends are fitted with blank end plates fixed with spring clips
  - » At corner locations, (if required) fit 90o precision die-cast corner pieces complete with screw fixed chevron and spring clips to maintain segregation
  - » Ensure outlets for all services are mounted to factory made pre-punched lid panels to suit the types nominated and are allocated on the same horizontal centre line
  - » Ensure power outlets are mounted to an internal outlet-mounting shroud. Cable access slot is site-cut in the duct barrier by the electrical contractor to allow passage of the power cables from the bottom compartment into the shroud space for fit-off. The shroud is to be spring clipped to the barrier both sides of the slot. The power switch socket is then screw fixed through the pre-punched outlet lid panel and the whole assembly secured to the outlet-mounting shroud by the electrical contractor
  - » Make sure all power circuits within the duct are wired with thermoplastic insulated and sheathed (double insulated) cables
  - » Ensure data outlets are mounted to an internal outlet-mounting bracket allowing full access to outlets and fit-off in the data compartment. If an optional barrier is installed (3- division), a cable access slot is to be site-cut in this duct barrier by the installer to allow passage of the data cables from the upper compartment into the space for fit-off. The bracket is to be spring clipped to the barrier both sides. The data socket is then screw fixed through the pre-punched outlet lid panel and the whole assembly secured to the outlet-mounting shroud by the installer
  - » Where required the skirting duct system is to be inter-connected to riser ducts with a tee riser assembly unit that is fully segregated for all services.