

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 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 prepunched 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.