

Underfloor Screed Floor Ducting Range



- Manufactured from hot dipped mild steel
- Single or multi compartment versions
- Standard and custom manufactured sizes
- Wide range of accessories
- Ply lids available to suit

Pendock floor ducting is a two-part system comprising a pre-formed tray, and a 12mm plywood cover, designed for fixing to the surface of the sub-floor before screeding.



PENDOCK

The Encasement Specialist

www.pendock.co.uk

Floor Ducting

Pendock floor ducting is a two-part system comprising a pre-formed tray, produced from 22 gauge hot dipped galvanised mild steel (to BS 2989: 1982 class Z2) and a 12mm plywood cover (to BS 1203: 1979). Return flanges give recessed support to the pre-cut plywood covers, laid flush with the rest of the finished floor.

Pendock floor ducting is designed for fixing to the surface of the sub-floor before screeding, facilitating access for subsequent maintenance to pipes and cables. Pre-fabricated corner sections, tee-junctions and stop-ends complete a quick and economic installation.

Floor ducts are available to suit screed depths of 50mm and 70mm (35 and 70mm for MCFDT).

Non-standard ducting can be supplied to virtually any size, with no minimum order quantity.

For complementary pipework casings see the Pendock Pipe Boxing range.



FDT Range flush floor ducting for pipework

FDT ducts for pipes fully comply with the water bylaws and BRE recommendations relating to the installation of pipes within solid floors. Embedded pipes are prone to leaks which can be difficult and expensive to rectify.



FDT Range Dimensions

Dim A (mm)	Dim B (mm)	Working Space (mm)
50	100	37 x 90
50	150	37 x 140
50	200	37 x 190
70	100	57 x 90
70	150	57 x 140
70	200	57 x 190

Product detail

Thickness: 0.7 steel tray section.
12mm plywood cover

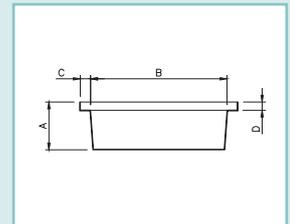
Standard Length: 2.5m tray. 2.44m cover

A - Overall Depth: Screed depth

B - Open Size: Not less than depth

C - Flange: 15mm

D - Upstand/Lid: 12mm



Thermal insulation

Thermal insulation can be achieved by the use of a proprietary slit tube pipe sleeve. Alternatively, where space is limited, the duct can simply be filled with loose-fill insulation.

Sound

Where pipes pass through a sound resisting floor, they should not be in contact with the duct, but should be surrounded by 25mm of insulating material. All gaps should be sealed.

Fire

A fire resistant barrier will be required where ducts pass through building compartments. An intumescent fire barrier is recommended.

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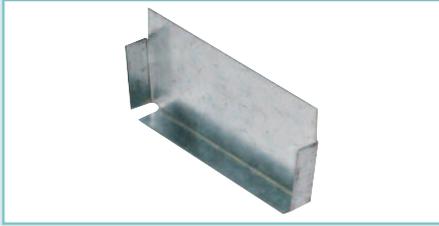
Contact the Pendock sales office for

Accessories

Corners/Tees are supplied in a perforated 1250mm length to be separated on site. The 625mm legs can be placed together at a 90° angle to form a corner or overlapped at 180° to form a tee junction with a duct length butted to the aperture. Note the overall length of a tee junction will be 1250mm minus the width of the joining duct (not including flanges).

Stop Ends to suit duct size (ensure stop ends are fitted prior to screeding).

Butt Joint Plates optional to suit duct size.



Stop End



Tee



Butt Joint Plate



Corner

MCFDT Range flush floor ducting for cables

MCFDT floor ducting for electrical services has integral three compartment separators for carrying data, power and telecommunication services.

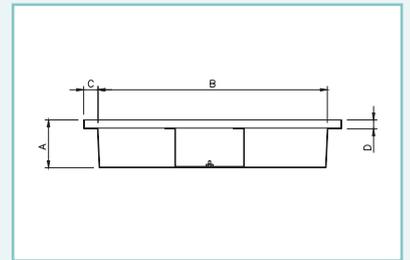
Dividers are linked by location to an integral fixing and earth stud detailed along the tray length. Continuous separation can be facilitated by the use of flyovers and intersection accessories that ensure no wires meet at corners or junctions.

MCFDT Range Dimensions

Dim A (mm)	Dim B (mm)	Working Space (mm)
35	335	3 compartments approx. 22 x 110
70	335	3 compartments approx. 57 x 110

Product detail

Thickness: 0.7 steel tray section.
12mm plywood cover
Standard Length: 2.5m tray. 2.44m cover
A - Overall Depth: Screed depth
B - Open Size: Not less than depth
C - Flange: 15mm
D - Upstand/Lid: 12mm



The flange upstand may be increased to accommodate the finished floor thickness, thus enabling the visible location of ducting and ease of future access.

Studs are provided in each length of duct to secure the divider, and connect the earth links which should be provided by the installer, and be of adequate cross sectional area (see current I.E. Regulations).

Larger earth studs can be supplied for 3 phase supply. When using a concealed outlet box the base pan of the unit must be fixed to the duct to ensure that a good electrical contact is made for the purpose of earth continuity. This can be done with a floor fixing passing through the pan and the duct.

Socket Outlets (not supplied)

Special width and depth sections can be produced for any make of concealed outlet systems including concealed outlet boxes, pyramid boxes and pedestal units. The plywood lid enables sections to be easily cut out on site to accommodate outlet units in any position.

Accessories

A range of accessories are available for the MCFDT range: tee, riser to skirting board, corner and four way flyover.



al sizes of floor ducting manufactured to suit site requirements.
chnical department who will be happy to discuss your project.

guidance and advice on **01952 580590** • Visit **www.pendock.co.uk**

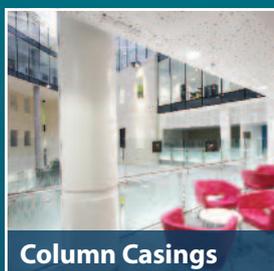
PENDOCK

Pendock are the UK's leading manufacturer of preformed pipe boxing and boiler casing solutions. Pendock's reputation for both quality and service is renowned and its products are used in numerous applications and market sectors. Pendock's preformed pipe boxing provides a versatile and practical solution to the problems of concealing unsightly pipework.

Project Management

Pendock can offer a full turnkey package from site measure and CAD drawing to full site installation. Our nationwide project managers are supported by experienced factory based craftsmen who take pride in the products they manufacture. All projects are supported by our office based customer service team.

For details on our full range and size options call us now on **01952 580590** or visit **www.pendock.co.uk**



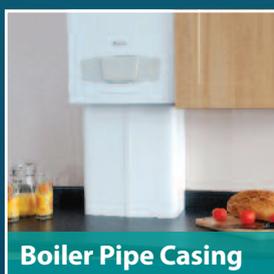
Column Casings



Pipe Boxing



Radiator Guards



Boiler Pipe Casing



Bespoke Casings



Washroom Range

Pendock also offer a full range of fixings, access hatches and associated accessories.

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