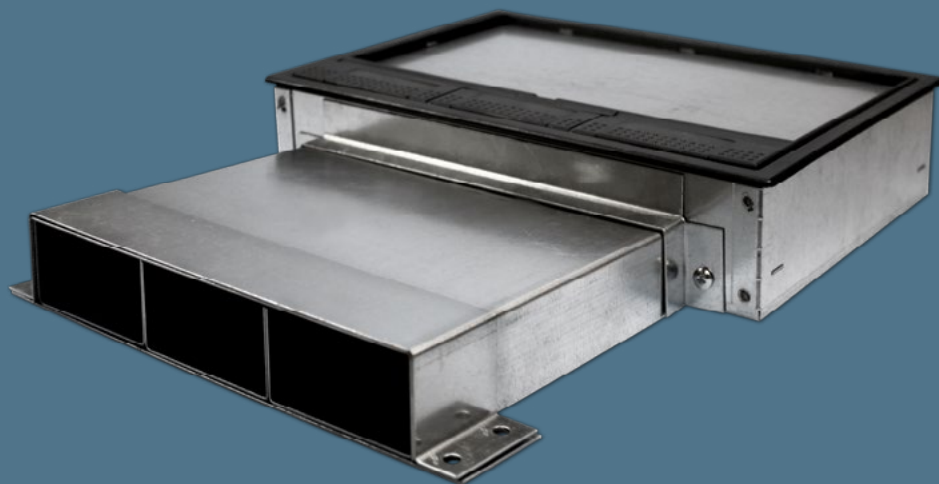
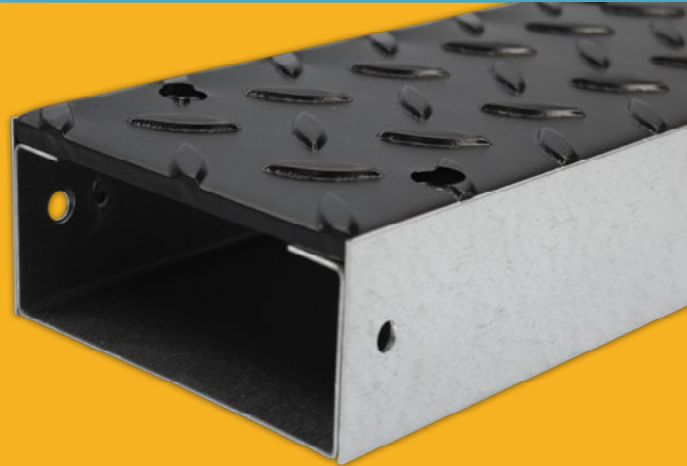
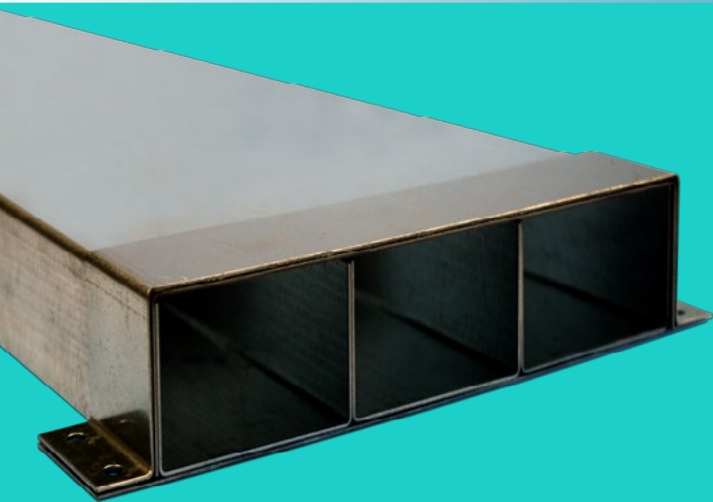


Armorduct cable management



floor trunking technical specifications

floor trunking

Armorduct underscreed floor trunking systems are designed for cable distribution under floors where the trunking is buried in the screed and the service outlet positions are fixed in place.

Title	Floor Trunking Systems for Electrical Installations		
British Standards Publication Date International Relationships	BS EN 50085-2-2: 2008 31st January 2009 EN 500852-2-2: 2008		
Minimum Transport & Storage Temperature	-25°C		
Maximum Transport & Storage Temperature	+60°C		
Minimum Installation & Application Temperature	-25°C		
Fire	Non flame propagating		
Continuity	Floor trunking systems do have electrical continuity characteristic		
Insulation	Floor trunking systems do not have electrical insulating properties		
Separation	Floor trunking systems do not have internal protective partition		
Screw Tightening	Screws intended to be tightened should be done so with a screwdriver at a torque of 2Nm		
Maximum Voltage for Installations	1000v a.c & 1500v d.c		
Ingress Protection	Floor trunking systems are to a minimum of IP30		
Equipotential Bonding	Floor trunking systems should not be used for equipotential bonding		
Screed Depth and Service Outlet Module	The minimum recommended depth of screed to accommodate a service outlet module is 63mm		
Live Parts	Underscreed trunking systems are designed that when installed correctly live parts are not accessible		
Installation Screed Cover	It is recommended that the trunking should be covered by a minimum of 25mm screed, to avoid the risk of subsequent cracking. Given that the minimum depth of the trunking is normally 25mm, it is recommended that Armorduct underscreed trunking should not be used in applications where the floor screed depth is less than 50mm.		
Standard Finish Ordering Information: For finishes please add relevant suffix to the part number e.g. AUST91/3/PG	/PG	Pre Galvanised	BS EN 10346: 2015

Armorduct cable management

standards & specifications

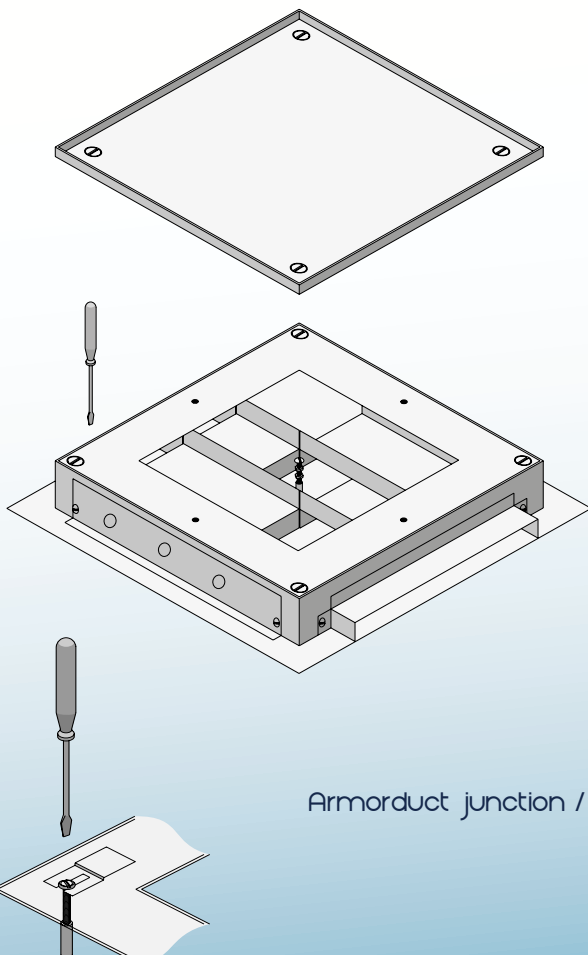
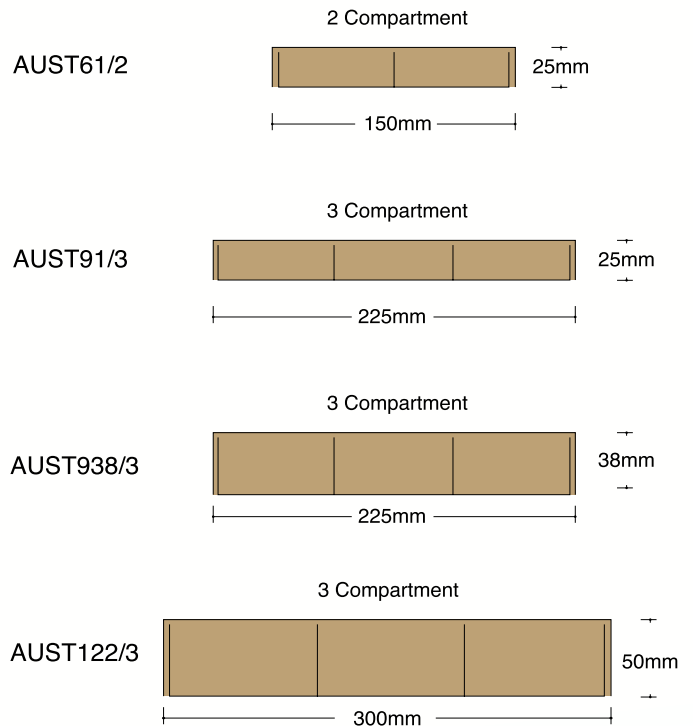
underscreed floor trunking & junction box

The underscreed service outlet trunking system is made up of four parts:

- Totally enclosed trunking in a range of sizes and compartments with associated flat and riser bends
- A junction/intersection box which can be used as a bend, tee and intersection as well as giving surface access to the buried system
- A 1/2/3 compartment service outlet module
- A comprehensive range of socket plates for voice, data and power

The trunking is manufactured from 1.1mm self-coloured pre-galvanised steel in standard lengths of 2 metres, complete with two saddle clamps per length.

Please contact us for more variations



Armorduct junction / inspection box

The Junction Box connects the underscreed trunking to the surface of the screed. It cannot house sockets because of the internal flyover, and is primarily used as an access point for cabling particularly where the trunking run changes direction. The junction box consists of an outer box, an adjustable sliding tray, an internal flyover, a carpet trim and heavy duty lid.

In its standard form, the depth of the box can be adjusted from 63mm to 75mm.

In its standard form the Junction Box is supplied for trunking entry. Side plates are also available for conduit entry or blanking off.

underscreed service outlet module

The underscreed service outlet module consists of three elements:

- An outer box with a sliding tray which also carries the socket plates
- A carpet frame
- A lid with integral handle and cable outer flaps

The Outer Box

The outer box forms a metal sleeve which links the trunking to the surface of the floor screed. It is used to carry the inner tray and socket plates. In its standard form, the minimum depth of the box is 63mm, but this can be adjusted to a maximum of 75mm using captive adjusting screws. The outer box may be of the through or end type and can readily be converted to accept trunking or conduit by a selection of side plates, which are simply fixed by screws.

Carpet Frame and Lid

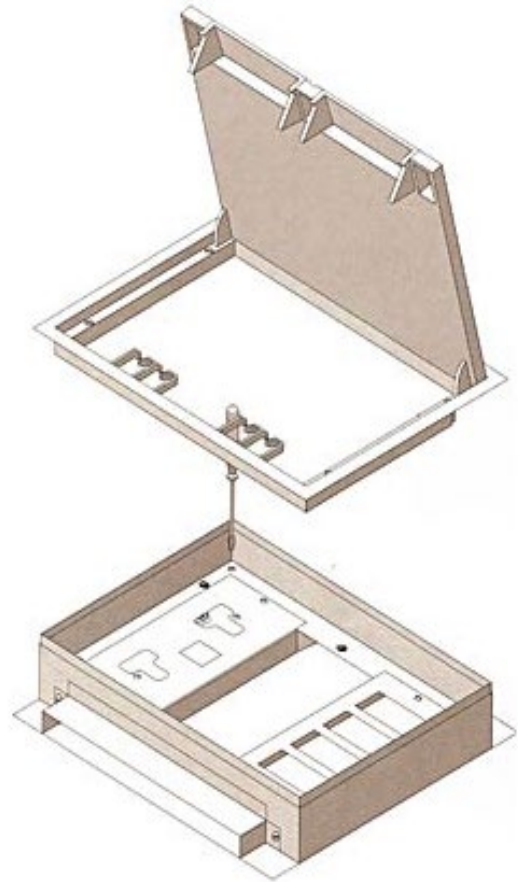
The carpet frame and hinged lid are manufactured from ULTRAMID B3 - PA6 plastics that are Halogen free and conform to fire classification UL94 V2 (3.2mm).

The lid, which is reinforced by a 2.5mm steel plate has a carpet recess of 6mm and carries two individually hinged cable outlets and a moulded handle.

Specifications

Base Box - 1.2mm Pre-Galvanised steel sheet to:
BS EN 10346: 2015

Carpet Trim and Lid - ULTRAMID B3 - PA6 plastics



Armorduct service outlet module

Dimensions

The overall dimensions of the outer box are:

Width - 213mm

Length - 303mm

Depth - adjustable 63mm to 75mm

flush floor trunking

Armorduct flush, recessed or chequer plate floor trunking systems are designed for the distribution of access to data, voice and power services in screeded floors, particularly where flexibility in the positioning of service outlets are required or heating and water piping in concrete floors.

The system consists of a range including floor trunking and accessories in a choice of plain flush, plain recessed and steel chequer plate lid.



Flush Floor Trunking			
size	100 x 50	150 x 50	225 x 50
1 comp	AFFL42	AFFL62	AFFL92
2 comp	AFFL42/2	AFFL62/2	AFFL92/2
3 comp	AFFL42/3	AFFL62/3	AFFL92/3

Armorduct flush floor outlet trunking



Flush Floor Outlet Trunking	
size	330 x 60
3 comp	AFF336/3
4 comp	AFF336/4
3 comp	AFFL42/3

The flush floor service outlet system consists of 3 main elements:

A service compartment trunking together with a comprehensive range of accessories

A flush floor outlet module which lies within the body of the trunking and can be located at any position along the length of the trunking

A wide range of power, voice and data outlet plates

The trunking and accessories are manufactured in self coloured pre-galvanised steel and supplied in 2m lengths with 3 or 4 compartments as standard, but variations available.

Each trunking length has 4 separately fixed lids each 500mm long which when installed lie level with the surface of the surrounding screed. A comprehensive range of intersections, flat or riser bends and sealing ends are available for use with the trunking.

flush floor trunking lids

Armorduct flush, recessed and chequer plate floor trunking systems have been designed for the distribution of power, voice or data cable, or heating and water piping in concrete floors

The system consists of a range including floor trunking and accessories in a choice of plain flush, plain recessed and steel chequer plate lid

The chequer plate version is particularly suitable for use in industrial environments and for extra strength where the width exceeds 150mm the lid is supported at intervals along its length by a central column



Armorduct flush floor trunking with chequer plate lid



Armorduct flush floor trunking with recessed lid

manufacturing the difference



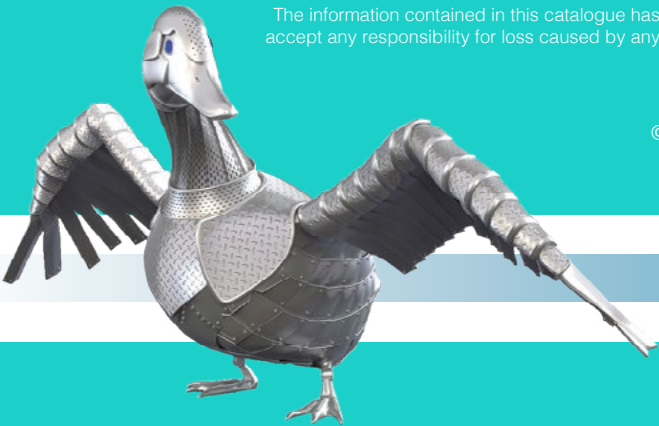
MANUFACTURING, SALES & DISTRIBUTION



SALES & DISTRIBUTION

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