



PRATLEY®

www.pratleyelectrical.com

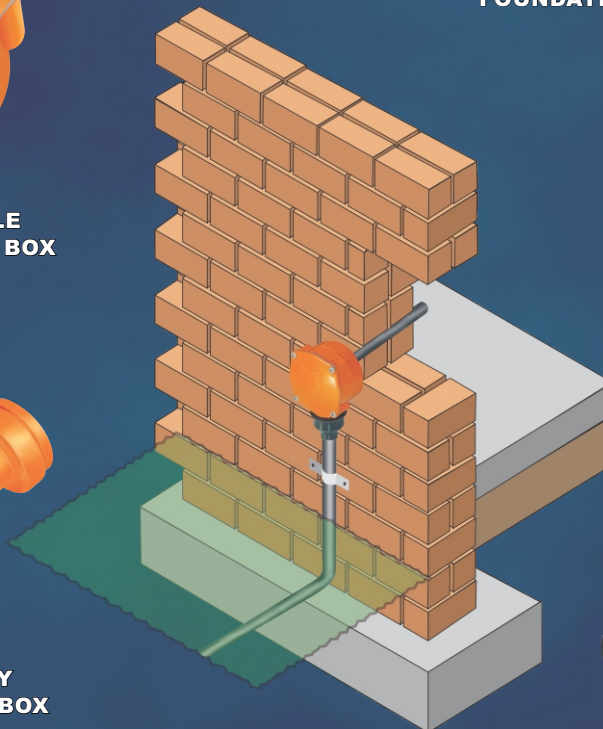
ALUMINIUM ALLOY FOUNDATION BOXES



NEWCASTLE
FOUNDATION BOX



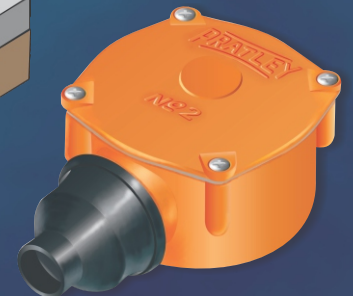
N° 1 x 2-WAY
FOUNDATION BOX



3 PHASE
FOUNDATION BOX



N° 1 (with 20mm back entry)
FOUNDATION BOX



N° 2 (with 25mm back entry)
FOUNDATION BOX

SUPPLIED COMPLETE WITH BUILT-IN CABLE GLANDS

FEATURES & BENEFITS

- Lightweight and impact resistant.
- Unique built-in glands.
- For use with armoured cable.
- Easily convertible for use with unarmoured cable.
- Epoxy coated for corrosion resistance.
- Range of configurations & sizes.
- Internal and external earthing boss/lug.
- Numerous accessories.

*Not to be buried underground

POLICY STATEMENT

"The performance of
our products must
exceed all others on
the world market"

KGM Prately
CEO

PRATLEY ALUMINIUM ALLOY FOUNDATION BOXES. CONFIGURATIONS & SIZES

Pratley Foundation boxes facilitate the connection of underground supply cable to consumer's premises, safely and unobtrusively.

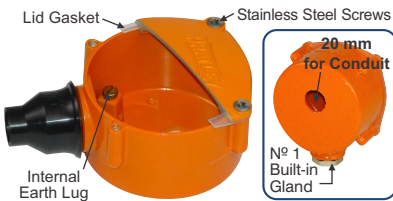
UNIQUE FEATURES

- Strong and ductile aluminium withstands severe impact.
- Epoxy coated for corrosion protection.
- Connections are easily made using Pratley End Connectors. (See accessories)
- Rail mounted terminals may be fitted to the larger boxes.
- M5 x 10 mm earth screw.
- Tamper-proof stainless steel screws.
- Watertight elastomeric gasket.
- U.V. resistant waterproof shroud protects the armouring against corrosion.
- Built-in glands.
- Gland inner seal prevents water from entering the armouring.
- Sleeved hole for the entry of an earth wire.

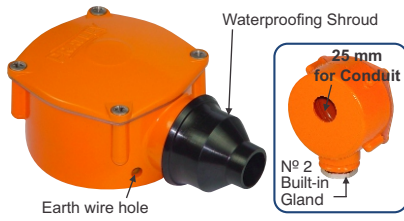
TYPES AND SIZES AVAILABLE

Pratley Foundation boxes are all Epoxy coated.

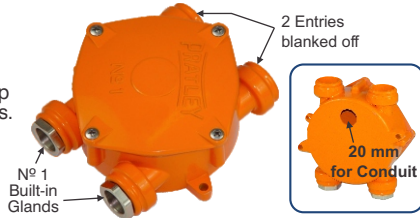
Nº 1 Foundation Box
For connecting outbuildings to main house wiring. Provided with a **Nº 1 built-in gland** and shroud. It has a **20 mm back entry**, an earth wire hole plus earth screw and terminal.



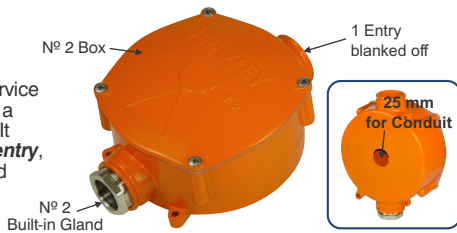
Nº 2 Foundation Box
For Municipal service connections. Provided with a **Nº 2 built-in gland** and shroud to accept 3 core x 16 mm² armoured cable. It has a **25 mm back entry**, an earth wire hole plus earth screw and terminal.



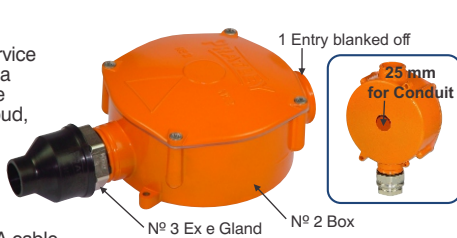
Nº 1 x 2-Way Foundation Box
For outbuildings, outside lighting and general "loop in - loop out" connections. A multi-purpose parallel entry box with two **Nº 1 built-in glands** and a **20 mm back entry**.



Newcastle Foundation Box
A large Municipal service connection box with a **Nº 2 built-in gland**. It has a **25 mm back entry**, an earth terminal and mounting lugs.



3 Phase Foundation Box
A large Municipal service connection box with a **Nº 3 gland** complete with gasket and shroud, **25 mm back entry**, an earth screw and terminal plus mounting lugs. Will accommodate a 25 mm² x 4 core SWA cable.



ALUMINIUM ALLOY FOUNDATION BOXES					
Box Description	Catalogue Number	Gland Size	Waterproofing Shroud	Back Entry	Earth Screw
Nº 1	15092	Nº 1	Yes	20 mm	Yes
Nº 2	15093	Nº 2	Yes	25 mm	Yes
Nº 1 - Two way	09055	2 x Nº 1	No	20 mm	No
Newcastle	20033	Nº 2	No	25 mm	Yes
3 Phase	15095	Nº 3 'Ex e' Gland	Yes	25 mm	Yes

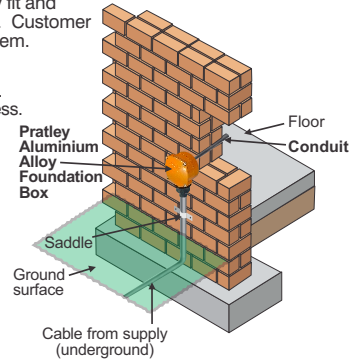
Use Catalogue No. when ordering.

FACTORY FITTING SERVICE • "You specify - we fit"

TYPICAL FACTORY FITTED SYSTEMS

Customer specifies. We then factory fit and terminate the correct length of cable. Customer merely installs the prefabricated system.

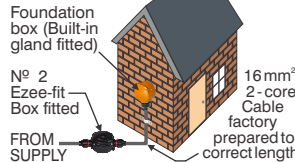
- No more on site delays.
- Reduced labour complement on site.
- Quality workmanship without the stress.
- Easier and more accurate tendering.
- Take the skill offsite.



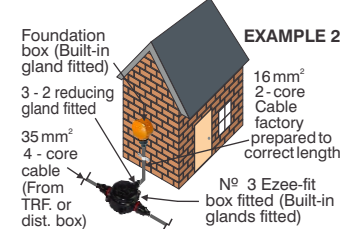
MOUNTING:
Foundation boxes may be mounted by way of the conduit fitted to the back entry plus a saddle on the incoming cable.
and/or
By drilling out the two dimples in the inside of the box and using appropriate wall plugs and screws.

Contact Pratley for a quote.

EXAMPLE 1



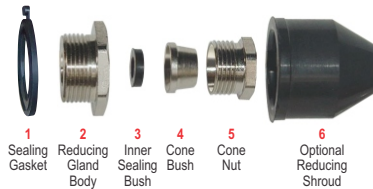
EXAMPLE 2



ACCESSORIES

REDUCING GLANDS AND SHROUDS

By simply replacing the gland with a Reducing Gland, smaller diameter SWA cables can be accommodated. For example a size '2 to 0' will reduce a No. 2 box entry to that of a No. 0 box entry.



Box Size	Cat. No.	Gland Size	Pack Qty.
1	11062	1 to 0	10
2	11063	2 to 0	10
2	11064	2 to 1	10

Size	Cat. No.	Pack Qty.
1R	35111	10
2R	35211	10

Note: Smaller diameter unarmoured cables can be accommodated by using a Reducing Gland and a Compression Conversion Kit.

COMPRESSION CONVERSION KITS FOR UNARMOURED CABLE

By simply replacing the Cone Bush and inner Seal Bush with a Compression Conversion Kit, the built-in gland can accommodate unarmoured cables.



Size	Cat. No.	Cable Range		Pack Qty.
		Min.	Max.	
0S	67075	6.0 mm	9.4 mm	10
0L	67082	9.5 mm	12.6 mm	10
1S	67076	12.7 mm	14.3 mm	10
1L	67083	14.4 mm	15.7 mm	10
2S	67077	15.8 mm	17.3 mm	10
2L	67084	17.4 mm	20.4 mm	10

CONDUIT ADAPTORS

These reduce the size of the box entry to receive conduit. They are supplied complete with sealing gaskets and are fitted to the box entry after the original built-in gland parts have been removed.



Box No.	To Conduit	Cat. No.	Pack Qty.
1	→ 20 mm	48051	10
2	→ 20 mm	48053	10
2	→ 25 mm	48054	10

PRATLEY END CONNECTORS AND INSULATING SLEEVES (Not for Ex e applications)

Pratley Non-sparking and Standard Connectors may be used with Pratley Aluminium Alloy Junction Boxes in DIP and non Ex applications respectively.



STANDARD RANGE			
Size	Cat. No.	Pack Qty.	
2	18110	100	
3	18111	50	
4	18112	20	
5	18113	20	
6	18114	20	

NON-SPARKING RANGE			
Size	Cat. No.	Pack Qty.	
Dinky	63200	100	
Small	63201	50	
Medium	63202	20	
Large	63203	20	
Extra Large	63204	20	

REPLACEMENT COVER GASKETS

The gaskets ensure a waterproof (IP68) seal and are very fast to fit. Gaskets should be replaced whenever inspection reveals deterioration.

STANDARD LID GASKETS		
Size	Cat. No.	Pack Qty.
1	08152	1
2	08153	1



PACKAGING DATA - FOUNDATION BOXES		
Box Size	Pack Dimensions	Weight (kg)
Nº 1	120 x 90 x 60 mm	0.32
Nº 2	120 x 90 x 60 mm	0.34
Nº 1 x 2 way	145 x 130 x 55 mm	0.54
Newcastle Box	160 x 160 x 75 mm	0.70
3 Phase Box	Packed in plastic bag	0.72

All Cable Boxes are packed in a cardboard pack, which is then packed into a cardboard shipping carton.

