

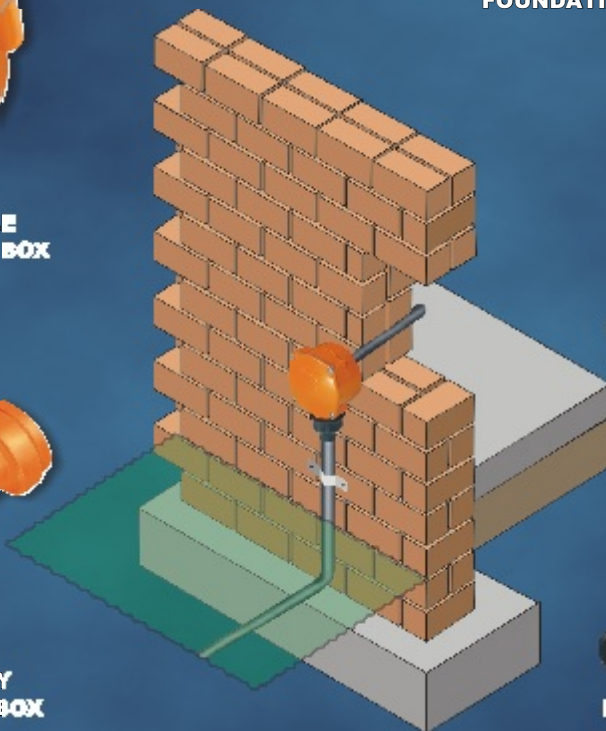
## ALUMINIUM ALLOY FOUNDATION BOXES



**NEWCASTLE  
FOUNDATION BOX**



**Nº 1 x 2-WAY  
FOUNDATION BOX**



**3 PHASE  
FOUNDATION BOX**



**Nº 1 (with 20mm back entry)  
FOUNDATION BOX**



**Nº 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

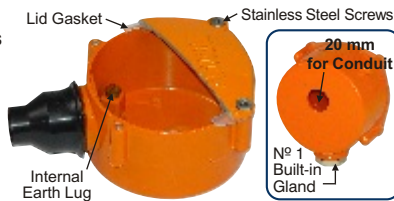
- Strong and ductile aluminium withstands severe impact.
- Epoxy coated for corrosion protection.
- Connections are easily made using Pratley End Connectors. (See accessories)
- Rail mounted terminals may be fitted to the larger boxes.
- M5 x 10 mm earth screw.
- Tamper-proof stainless steel screws.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

## TYPES AND SIZES AVAILABLE

Pratley Foundation boxes are all Epoxy coated.

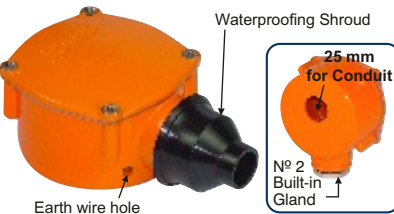
### Nº 1 Foundation Box

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.



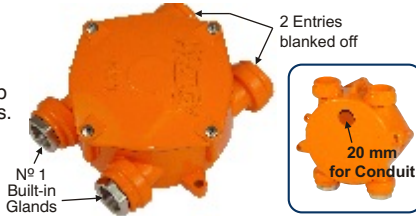
### Nº 2 Foundation Box

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



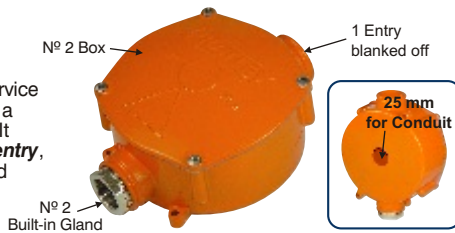
### Nº 1 x 2-Way Foundation Box

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**.



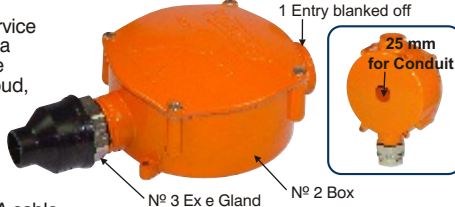
### Newcastle Foundation Box

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.



## 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         |

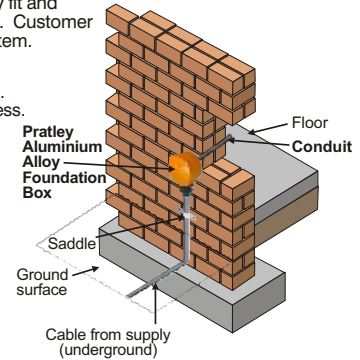
Use Catalogue No. when ordering.

## 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:

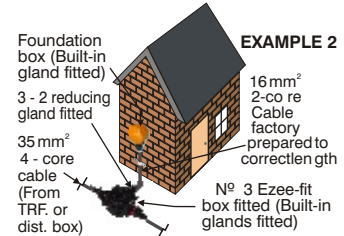
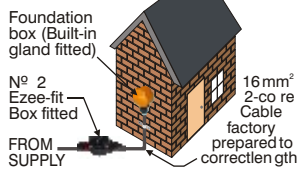
Foundation boxes may be mounted by way of the conduit fitted to the back entry plus a saddle on the incoming cable.

### 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



## 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. | Min.    | Max.    | Pack Qty. |
|------|----------|---------|---------|-----------|
| 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.



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

| 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         |



| Size | Cat. No. | Pack Qty. |
|------|----------|-----------|
| 2/D  | 04014    | 50        |
| 3/S  | 04015    | 25        |
| 4/M  | 04016    | 20        |
| 5/L  | 04017    | 10        |
| 6/XL | 04018    | 10        |

### 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.