



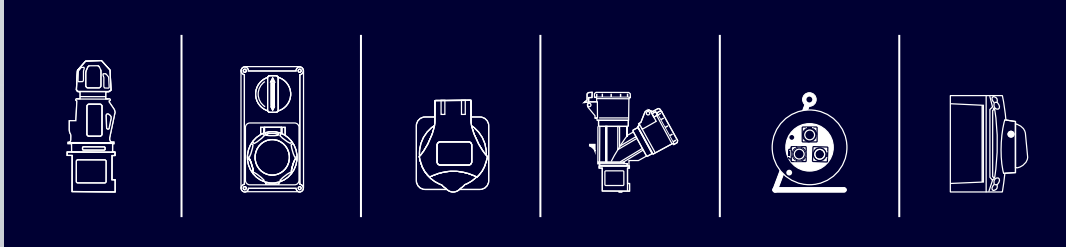
LV JUICE

Buy \$500+gst of Famatel products on one invoice this month

Receive a pair of Panasonic Bluetooth headphones worth **\$99***



FAMATEL IP67 INDUSTRIAL CONNECTORS



PLUGS | SOCKETS | ADAPTORS | CABLE REELS | SAFETY SWITCHES | QUICK CONNECT | OUTLETS | INDUSTRIAL ENCLOSURES



famatel
PROFESSIONAL

*While stocks last



This Month

FREE LIMITED EDITION FLEXO PACK

WHILE STOCKS LAST

When you spend over \$500 (excl GST) on one invoice this month



www.transnet.co.nz

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TRANSNET GALVANISED EARTH RODS

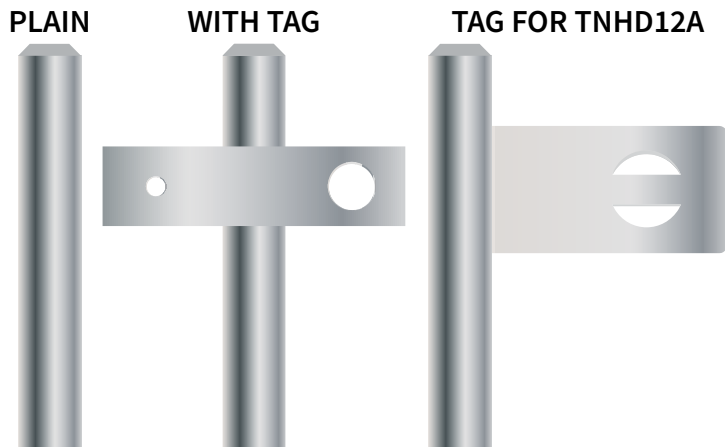
All our galvanised rods are made to meticulous standards and exceed the minimum thickness requirements outlined in AS/NZS 3000:2007a, reducing the risk of corrosion and ensuring a good lifespan.

WHY TRANSNET EARTH RODS?

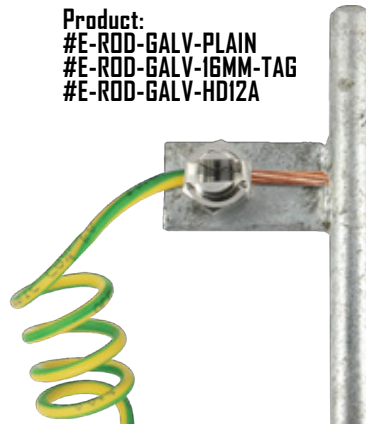
- Dipped after cutting to reduce risk of corrosion
- Rigidly inspected to eliminate defects
- Extremely cost-effective
- Sold in packs of 5
- 2000mm x 16mm O.D.
- 3 styles available

EXCEEDS REQUIREMENTS

You don't have to compromise on quality when it comes to galvanised rods. Zinc rods that can't meet the AS/NZS3000:2007a minimum surface treatment are illegal to install, will degrade faster and need replacing sooner.



Product:
#E-ROD-GALV-PLAIN
#E-ROD-GALV-16MM-TAG
#E-ROD-GALV-HD12A

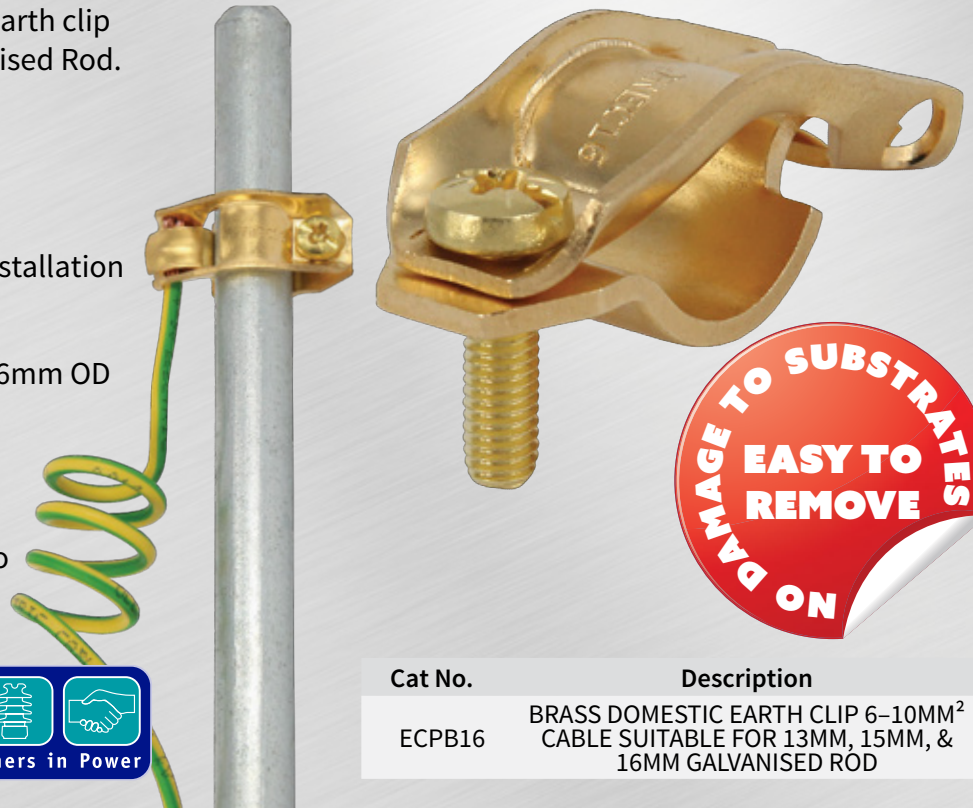


BRASS DOMESTIC EARTH CLIP

The ECPB16 is a high quality brass earth clip designed for 13, 15, & 16mm Galvanised Rod.

FEATURES

- Made of high quality brass
- Bolted connection for fast easy installation
- No special tools required
- Designed to fit 13mm, 15mm, & 16mm OD Galvanised Earth Rods
- Designed for single conductor parallel orientation
- Easy to remove if required with no damage to substrates



Cat No.	Description
ECPB16	BRASS DOMESTIC EARTH CLIP 6-10MM ² CABLE SUITABLE FOR 13MM, 15MM, & 16MM GALVANISED ROD



NZ STYLE SPLIT BOLT CONNECTORS

Used in New Zealand since the late 1940s, This style of split bolt has proven to be a simple to use connector for use on copper

overhead lines. Our NZ style connectors are made in Australia from Australian Brass and have an electro tinned finish.

BENEFITS

- Simple to install - no special tools
- Affordable
- Range taking design - connectors fit multiple cable combinations
- Range accommodates 4mm² to 120mm² (in just 8 connectors)
- Can be removed easily
- Long-lasting
- Grooved plate to help grip wire & give better connection
- Hex nut for easy installation

NOTE: Do not use a rattle gun to tighten.

Cat No.	Conductor Size Range				Torque Setting (Nm) Max.
	Min* (mm ²)	Max* (mm ²)	Min. (mm O.D.)	Max. (mm O.D.)	
TNHD9	4	7	2.7	4.1	5-10
TNHD10	6	16	3.8	5.8	10-15
TNHD12	10	25	4.3	6.6	15-20
TNHD12A	16	35	5.3	8.12	20-25
TNHD13	25	50	6.6	10.16	40-45
TNHD14	25	70	7.3	11.17	50-55
TNHD15	35	95	8.8	13.46	105-110
TNHD18	50	120	10.5	16.10	105-110

*Min/Max of each of the two conductors being joined.



STRAIN CLAMPS



These clamps are used to take the strain of house service connections typically from overhead conductors to the fascia board. Their wedge style design means the clamp stays tight due to the strain it's holding. Fast and simple to install.

Cat No.	Cable Type	Number of Cores	Conductor Range (mm O.D.)
0-708018-1	NEUTRAL	SINGLE	18-25
0-708046-3	SCREEN		9-17





Utilux is a leading brand of electrical connectors sold to original equipment manufacturers and electrical distribution companies throughout New Zealand, Australia, and Asia. A comprehensive range, the most up-to-date production technology, and the highest quality control standards ensure that there are Utilux connectors of optimum reliability and durability for all major power distribution applications.

You can be sure that Utilux branded products are fabricated from the finest materials and produced to exacting tolerances. They represent the latest technology and best design for the tasks they need to perform.

A LEADER IN THE FIELD FOR OVER 90 YEARS



COPPER LUGS & LINKS

Utilux has engineered the correct combination of material thickness and crimp die selection to ensure that the optimum compression ratios are achieved when crimping. Annealing also ensures that connectors can be crimped without damage and electro tinning minimises corrosion. These features combined with correct termination procedures will ensure a connection that will perform for many years.

FEATURES & BENEFITS

- Range 0.5 - 1200mm² available
- Seamless copper tube
- Electro tinned
- Cable area clearly identified on the lug
- Tested to AS/NZS 4325.1:1995



ALUMINIUM LUGS & LINKS

Utilux aluminium lugs and links are manufactured from high conductivity aluminium. The lugs are forged to maximise conductivity and strength and also eliminate any moisture seepage. Markings are used to clearly identify the cable to be used, die combination and crimping position. Care should be taken in the preparation of aluminium conductors to ensure proper scratch brushing and inhibiting compound is applied.

FEATURES & BENEFITS

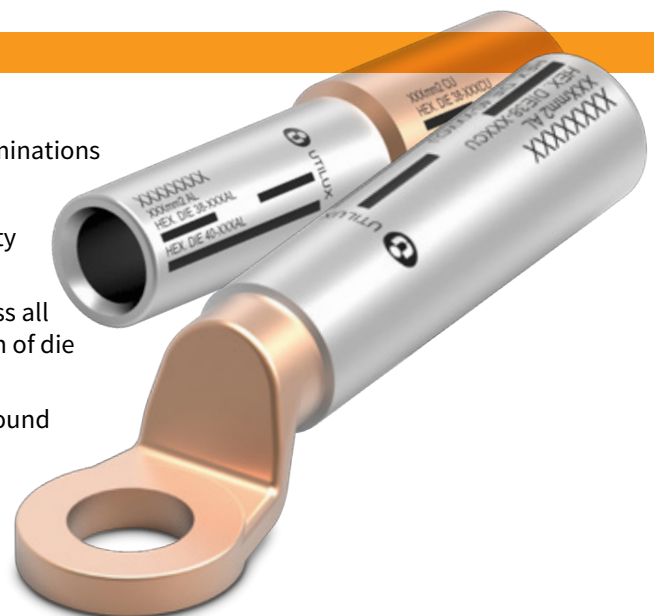
- 99.9% pure high conductivity aluminium
- Forged from solid AL billets
- Solid palm, therefore eliminating the ingress of moisture
- Pre-filled with jointing compound
- Individually packed in sealed plastic

BIMETAL LUGS & LINKS

Copper to aluminium terminations can be made with the Utilux range of bimetal products. Under normal conditions, when copper comes into contact with aluminium electrolytic corrosion may result, enhanced by the presence of oxygen. Utilux bimetal lugs have the copper friction welded to the aluminium. The friction welding process eliminates the presence of oxygen and therefore eliminates electrolytic corrosion. The welding process also maximises the strength of the joint.

FEATURES & BENEFITS

- For aluminium to copper terminations
- Friction welded
- Manufactured from high purity copper and aluminium rod
- Stepped barrel OD sizes across all bimetal allows rationalisation of die inventory
- Pre-filled with jointing compound





SHIELD Lids & Bulk Pits

- Designed to work in "Deliberate Traffic" - slow moving vehicular applications
- Designed to meet or exceed **150kN = 15 tnf (Tons-force)**
- Endurance Stress Test (EST)
 - SHIELD Lids exceed EST **3,000,000** cycles of design loads without failure
- Extremely durable/fire retardant/chemical resistant/UV stable/WIFI transparent
- SHIELD is stronger than concrete, polymer concrete and of similar strength to steel



MOST POPULAR COMBINATION USED IN NZ



Options For All Applications

- Solutions from green fields to carriageways
- Super strong & lightweight
- The complete range of products available meets

International standards & ASNZ

- Class B (Pathway)
- Class D (Roadway)
- European - EN124
- AS 3396 & ASNZ 4586

FULL RANGE OF PRODUCTS AVAILABLE



13.5KN

80KN

150KN

250KN

Greenbelt & Footway areas accessible only to pedestrians & pedal cyclists

Footways or livestock areas accessible to limited vehicular traffic & light tractors

Areas open to slow moving traffic including commercial vehicles

Carriageways of roads & areas open to fast moving heavy road traffic

Contact us for more information





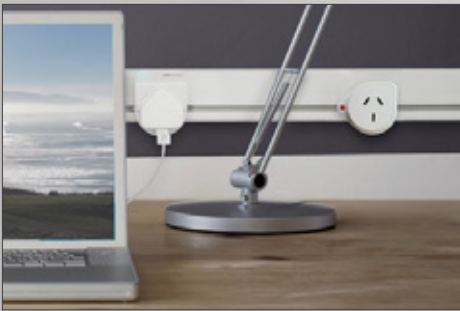
Connect and power all of your gadgets and appliances whenever you want, wherever you want. This innovative power track allows anyone to simply and safely add, remove or reposition power and data sockets wherever and whenever they are needed along its length. The Mainline system can be seamlessly installed into walls, skirting boards or trunking systems in a fraction of the time it takes to install conventional fixed sockets.

Adjustable, Scalable Power When & Where You Want It



FEATURES

- Suitable for new constructions, renovations & refurbishment projects
- Can be installed as part of a ring, radial or spur
- Restricted access to copper busbar from small objects & fingers
- Not limited by number of sockets
- Up to 32 amp capacity
- Moveable data networking socket
- Range of finishing options available
- Terminal Block connects existing live, neutral & earth wires to the track itself
- 2 metre lengths can be cut to fit space



Mainline Trunking Starter Kit

1
Insert socket
into the track

2
Turn socket 90° to
safely access power

3
Move or add more
sockets as required



MLSTARTWH
\$229
+ GST

MLSTARTWH	Mainline Starter Kit 2.0m	Quantity
ML20W	TRACK KIT 2.0M - WHITE	1
MLEX21	MAINLINE TRACK HOUSING 2.1M	1
MLTSLW	TS TERMINAL BLOCK KIT (LEFT) - WHITE	1
MLTSERW	TRACK TS END CAP (RIGHT) - WHITE	1
MLP1W	PREMIUM TYPE ADAPTOR - WHITE	2





ACOUSTIC FIRE PAD

These non-setting intumescent putty sheets are designed to be a cost-effective and efficient method of firestopping electrical sockets in dry wall fire-rated partitions.

FEATURES

- Up to 1 hour fire protection
- Choice of installation methods
- Simple to install
- Suitable for most drywall applications
- Acoustic rated with weighted sound reduction index of 65 in accordance with EN/ISO 7171-1
- Tested to AS1530.4-2005 & AS4072.1-2005
- Sound Transmission Class: 60

APPLICATIONS

Acoustic Fire Pads can be fitted around the outside of a metal TransNet flush box to achieve both an Acoustic and Fire rating.

These pads are rot proof, do not sustain vermin, and will not encourage the growth of fungi, mould, or bacteria. They are not a health, spill, or environmental hazard.

ACOUSTIC ASSESSMENT IN DRYLINING PARTITION

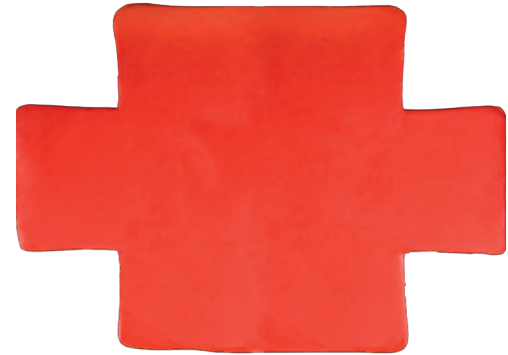
Based on airborne sound insulation measurement results contained in BRE Report 224463 from laboratory tests done on three electrical sockets lined with 2mm Firetherm Putty Pads.

R_w dB	R_w+C_{tr} dB
65	57

Three electrical sockets lined with 2mm Firetherm Putty Pads were installed on both sides of the partition.

R_w Weighted sound reduction index: A single number quantity that characterises the airborne sound insulation of a material or building element in the laboratory.

$R_w + C_{tr}$ Single number quantity that characterises the A-weighted level difference between source and receive rooms when the sound source has the spectral content of road traffic noise.



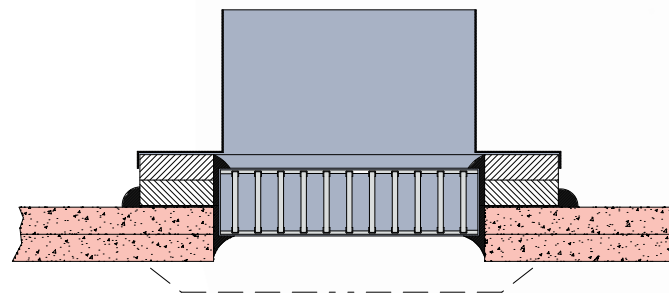
Cat No.	Description
FTPPADLGE	ACOUSTIC PUTTY PAD LARGE/EXTERNAL

CEILING FIRE DAMPER

This high performance grille is manufactured in Sydney using Z275 grade galvanised steel, suitable for external applications. Additionally, the surfaces of fixing points are treated with a corrosion resistant coating, giving them a highly durable finish.

FEATURES

- Can be used to provide fire resistance of up to 60 minutes
- Fire Resistance in accordance with AS1530.4 2014
- Excellent airflow characteristics gives silent efficient operation with normal to high air velocities
- Can be used in high humidity
- Steel frame contributes to fire resistance by preventing the inward deformation of surrounding structures and protecting the intumescent materials
- Resistant to vibration damage



Cat No.	Description
FTDAMPER150KIT	150MM FIRE DAMPER KIT WITH GRILLE & SEALANT

FILL UP WHILE YOU CHILL OUT

eHome Charging Stations for EV



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LOW COST, ROBUST, USER-FRIENDLY OPERATION

Designed to be installed in domestic houses, communal zones, and business premises, the eHome range features **functional design** wrapped up in a **compact frame**. Suitable for a variety of users, it lets you charge your EV when and how you want to without interfering with your everyday life.



FEATURES

- Designed and manufactured in Spain
- Inbuilt cable holder
- Quality Phoenix Contact vehicle connector (Type 1 & Type 2 available)
- Optional BeON sensor ensures eHome charger cannot overload the electrical installation. 20 & 50 amp sensors available ex stock
 - Sensor can be mounted up to 100 metres away from charging station (with appropriate control wire between distribution board and charging station)
- Suitable for indoor or outdoor use
- Auxiliary contact allows you to use a timer (or other device) to control when EV charges
- Available in 16 amp and 32 amp
 - 16 amp gives around 20-25km of added range per hour*
 - 32 amp gives around 40-50km of added range per hour*



SENSOR OPTION



TYPE 1 & 2 PLUGS



DISPLAY



REMOTE ACTIVATION

*Actual current limited by size of EV's onboard charger

GENERAL SPECIFICATIONS

Enclosure Rating	IP54
Enclosure Material	ABS-PCVO
Operating Temperature	-5°C to +45°C
Ambient Temperature Storage	-40°C to +60°C
Operating Humidity	5% to 95% Non-condensing
Light Beacon	RGB colour indicator
Current Setup	Onboard dipswitch
Dimensions (DxWxH)	115 x 180 x 315mm
Weight	4kg
Cable Length	5m
External Input	Remote charging activation
Sensor	Optional BeON sensor



MODEL SPECIFICATIONS

Model	EVC-EHOME-16T1	EVC-EHOME-32T1	EVC-EHOME-16T2	EVC-EHOME-32T2
AC power supply	1P + N + PE	1P + N + PE	1P + N + PE	1P + N + PE
AC voltage	230 VAC +/-10%	230 VAC +/-10%	230 VAC +/-10%	230 VAC +/-10%
Maximum current	16A	32A	16A	32A
Maximum power	3.7kW	7.4kW	3.7kW	7.4kW
Connector	Type 1 Cable	Type 1 Cable	Type 2 Cable	Type 2 Cable

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NEW ZEALAND OWNED