

IPL group

INFRASTRUCTURE SOLUTIONS

Water Networks & Pipeline Products
Road Products & Street Furniture
Instrumentation, Automation & Control
Commissioning & Technical Services

www.iplgroup.com

EV Charging Infrastructure Solutions



1975 - 2020
45 YEARS'
EXPERIENCE
YOU CAN RELY ON

EV Charging Infrastructure Solutions

IPL group provides a competitive source for high-quality road products and street furniture. Our RETENTION SYSTEM foundation sockets and EV infrastructure solutions have been successfully used in the design and operation of EV charging facilities throughout the UK, Europe and America.

In Ireland, we have long-established relationships with all local authorities and public transport agencies. Like the people we work with, IPL group is committed to carbon reduction and transitioning to an improved environmental future with solution-based approaches to sustainability in every part of our business. Together with our partners and customers we have worked on critical asset management and installation projects which include EV charger bays, traffic signal junctions, public lighting and passive safety infrastructure. Our trusted RETENTION SYSTEM sockets are intelligent foundation solutions and an ideal future-proofing specification for the installation and maintenance of EV chargers. In the mass market adoption phase and roll-out of EV chargers, RS sockets eliminate repeat excavation and foundation design for the change out and maintenance of chargers. They ensure minimum service disruption to operators and customers, adherence to reduced CO² emission strategies and have proven essential to sustainable infrastructure design.

To ensure the success of your EV charging projects and sustainable infrastructure design, we make it our job to understand local area aims, critical issues and future development plans in order to identify and implement integrated solutions of real value.

IPL group gets the best road products and street furniture working for you.

- FOUNDATION SOCKETS
- EV ADAPTER PLATES
- BOLLARDS & BARRIERS
- KIOSKS & CABINETS
- CHAMBERS & DUCTING
- COVERS & FRAMES
- LIGHTING COLUMNS
- SIGNPOSTS
- WHEEL STOPS
- DISPLAY SIGNAGE
- BENCHES
- BINS



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UNIVERSAL EV FOUNDATIONS

RETENTION SYSTEM™ sockets for EV foundations are intelligent solutions for the installation and maintenance of all types of EV chargers. Essential to sustainable infrastructure design, they add value through improved asset management and performance, reduced operational costs and deliver environmental, health and safety benefits.



RS EV ADAPTER PLATES

RETENTION SYSTEM™ EV adapter plates are available for all types of bolt down charge units. This allows the charge unit to be removed and replaced without the need to pour a new foundation.



RETENTION SYSTEM™ SOCKETS

RETENTION SYSTEM™ sockets are intelligent foundation solutions for the installation and maintenance of posts. Essential to sustainable infrastructure design, they add value through improved asset management and performance, reduced operational costs and deliver environmental, health and safety benefits.



FLEXIBLE SAFETY BOLLARDS

Strong, reboundable polymer bollards. Safe impact design that offers strength and resistance but will bend under applied force and return to original shape.



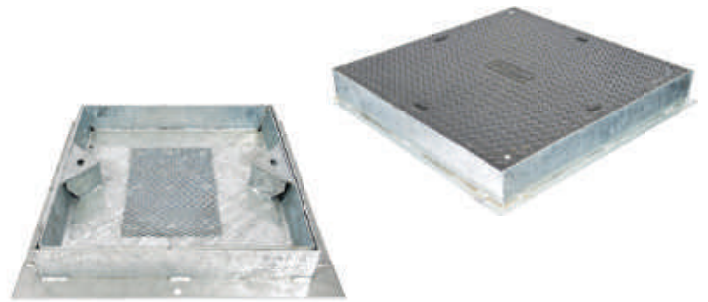
ELECTRICAL CONNECTION KIOSKS

Manufactured in 3mm steel and Hot-Dipped galvanised, these kiosks offer a secure housing for electrical connections. The cabinet doors are fitted with double Tri-Head locks, and include a WBP 18mm plywood backboard fitted as standard. Recessed 'hidden' vents & hinges. Earth Strap fitted to door and frame. Door seals rated to IP65.



COMPOSITE COVERS AND FRAMES

A range of lightweight anti slip composite manhole covers available in both 12.5T (B125) and 25T (C250) loading. All covers weigh less than 25kgs and are supplied with an extra deep galvanised steel raising frame.



MODULAR ACCESS CHAMBERS

The STAKKAbox™ Modula system is a range of preformed twin wall access chambers capable of withstanding vertical loads in excess of 40 tonnes without the requirement for any structural support.



RUBBER WHEEL STOPS

Surface-mounted rubber wheel stops help notify the driver of the approaching kerb and EV charger. This helps prevent accidental damage to the unit. Recycled rubber granules and polyurethane construction for long life span with built-in highly visible 3M reflector strips.



EV foundation - installation sequence...



1. Excavation works



2. RS socket installation



3. Adapter plate inserted



4. Cables pulled through



5. Adapter plate secured



6. Wiring commenced

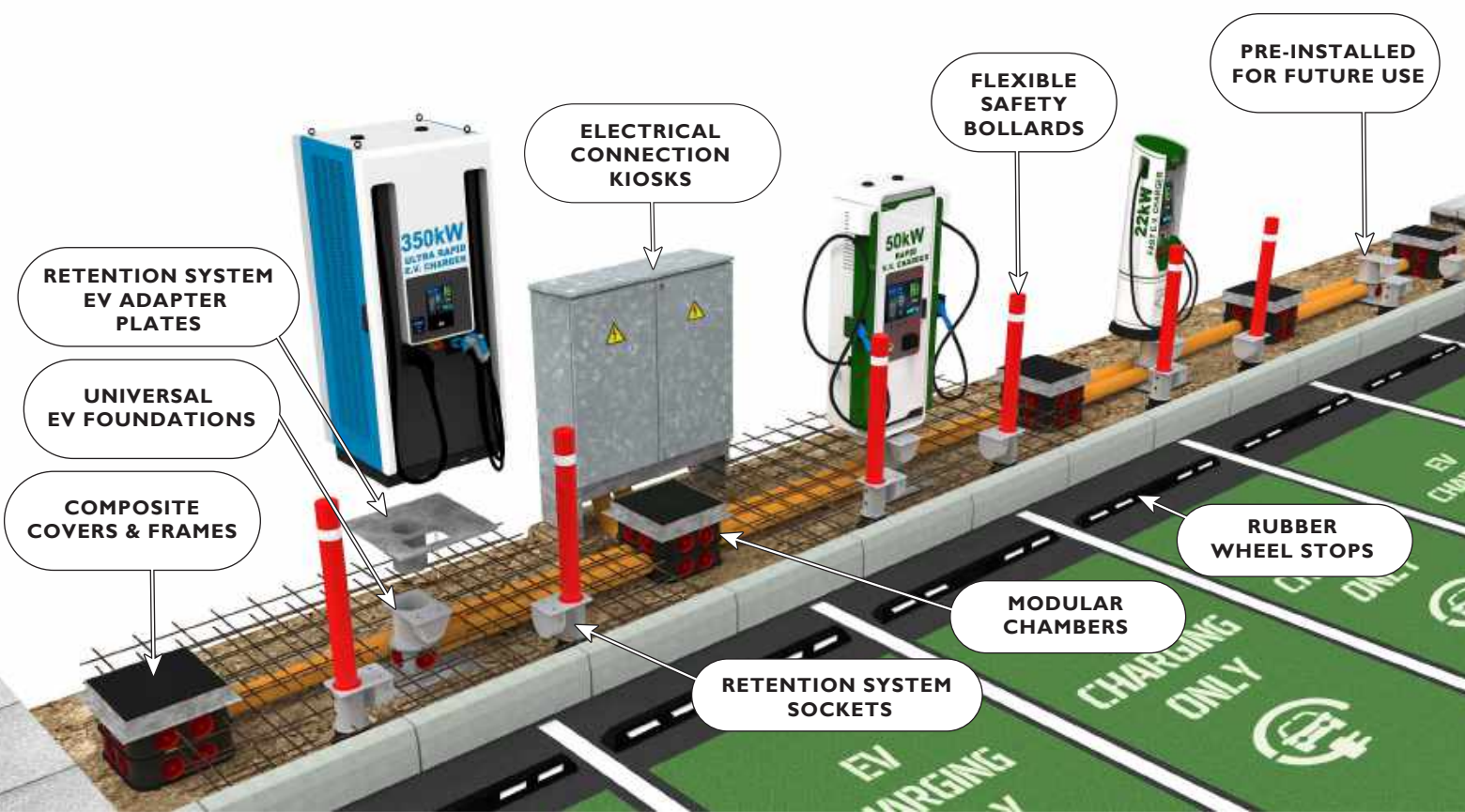


7. Unit commissioned



8. Installation completed

EV foundation - future-proof layout...



IPL group

quality products | excellent service | responsible company

IPL group designs, manufactures and provides an extensive range of infrastructural products and services. High-quality innovative products, creative engineered solutions, excellent customer service and socially responsible business practices define this leading Irish company since its establishment in 1975.

As a company we are committed to the principles of sustainable development throughout all IPL group operations and conduct our business with honesty and integrity at all times. Through the implementation of our core policies, IPL group personnel, customers and partners have the assurance that we meet and exceed legal compliance and deliver best practice. The company maintains and operates an integrated Quality, Safety and Environmental management system that is internationally accredited to ISO 9001, ISO 45001 and ISO 14001.

Since 1975, IPL group has been at the forefront of quality infrastructure design, working with our customers on their specific requirements and providing integrated solutions. Whether we are creating intelligent post foundation systems, solving water network control issues or providing industrial process instrumentation, calibration and technical services, we bring over 40 years' experience that you can rely on.

Today, IPL group uniquely combines global expertise and local understanding. We aim to build on our past strengths and further develop our professional scope and technical ability; to continually exceed customer expectations and always supply the very best infrastructure solutions, services and quality products. At all times we welcome the opportunity to discuss your project requirements and our dedicated team of experienced personnel look forward to working with you.

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