



SMARTURBAN

Smart Sustainable Foundations



ZERO DAMAGE, ZERO DISTURBANCE, ZERO ON-GOING COSTS

Introducing the world's first means of protecting valuable concrete footings from damage impact after impact, year after year. Join the market leaders from Downer to BGC, CPB, Georgiou, Fulton Hogan and all major cities in WA laying the foundations for a better future.

A visit to any one of these cities will not fail to impress.



ZERO DAMAGE

You can now install infrastructure from 60 – 168 diameter using Smart Sustainable Foundations

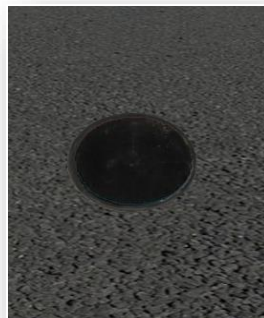
You can install ground sockets when pouring concrete foundations (or retrofit) creating a perfect finish

When an item of road-side infrastructure is impacted, the ground socket absorbs the impact force protecting the surrounding foundations from damage

Developments remain in pristine condition with all items perfectly aligned and secure year after year

Zero carbon-intensive waste or tipping fees and Zero on-going consumption of carbon intensive resources for decades

Simply cleaner, safer more sustainable developments



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Our selection is not based on price alone; we also took into consideration the safety & saving aspects.

The Smart Sustainable Foundations allow quick replacement of road-side items with no further effort required to the base, reducing time spent on traffic islands exposed to traffic and the risk of injury to employees

MAIN ROADS WA

ZERO DISTURBANCE

Response to infrastructure failures is fast and efficient, without disturbance to underground services or public

Ergonomic tools are used to lever items from the ground socket from a standing position and facing on-coming traffic.

Items are simply dropped into position, using only friction to lock automatically in place, remaining safe and secure impact after impact, year after year



ZERO ON-GOING COSTS

The only cost is labour

By eradicating damage, you eradicate the many variables that can ruin any well-planned budget, taking this complex job and making it surprisingly simple!

Developments become physically, environmentally and financially sustainable

WHAT MAKES THEM SMART?

Items become self-locking and foundations become self-healing.

SELF LOCKING

A self-locking taper is attached to the item and the item is secured using friction. This ensures infrastructure is perfectly aligned, remaining safe and secure year after year. The Taper is removable from damaged items and re-usable impact after impact

SELF HEALING

The ground socket is made from Smart impact resistant and self-healing plastic that creates a protective shield in the concrete to absorb the impact force

What makes this plastic really smart is that it self-heals, protecting the surrounding foundations from damage impact after impact, year after year



UNIT INCLUDES

- 1 X Ground socket 350 mm
- 1 X Self-locking Taper
- 1 x Cap
- Self-drilling screws

Tools Required

QTY	Dimensions	Weight
25 Complete units	[400 x 400 x 400 mm]	12 kg
25 Ground sockets	[400 x 400 x 400 mm]	7 kg

Supplied in boxes of 25 units. You can truncate sockets to as shallow as 150 mm and join ground sockets to extend depth by 300 mm increments

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