

REINFORCEMENTS



Glass Reinforced Concrete. The Strength of Concrete. The Convenience of Plastic.

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The case of disappearing grates



Maybe it's a sign of desperate times, but manhole covers and stormwater grates have become hot property literally. Thieves are stealing the covers to cash in on a surge in scrap metal prices.

From Bombay to Bankstown the phenomenon of disappearing manhole covers is a worldwide problem. In Shanghai for example more than 1,500 manhole covers and drains have disappeared since February, killing at least eight people who fell into exposed stormwater drains.

Bankstown City Council is concerned the incidents of stormwater grates being stolen in the area will, like Shanghai, result in car damage, personal injury or death.

Each grate fetches about \$10 as scrap but costs ratepayers in excess of \$300 to replace.

Mascot Engineering have offered a bolt down facility on their grates for a number of years. Originally they were popular in schools and playgrounds to prevent children from injuring themselves, now they're being used to combat theft.

Mascot offer a range of bolt down options, from security systems suitable for prisons to J-Bolts. We can even custom manufacture a system to retro-fit to existing installations.

As testimony to Mascot's solid security features, they have recently completed prisons from Silverwater in Sydney to the Middle East's Dubai Central Jail.

Whether your replacing a missing grate or doing a new installation, Mascot Engineering has a grate and a bolt down system to suit don't let your money go down the drain.

Welcome

Welcome to another edition of our quarterly newsletter, *Reinforcements*.

It's amazing how fast this year has rolled by, and what a year it has been for the building industry with plenty of ups and downs.

One of the most important reasons for producing this publication is to keep you up-to-date with developments in the world of drainage, electrical and industrial trade waste products as well as our unique glass reinforced concrete products.

In this edition we showcase some of our latest products, including additions to our very new and very popular DriveDrain range and show off our eye-catching fleet of company vehicles with their new signage.

June was a busy month with the Annual DesignBuild Expo in Melbourne. As the biggest Industry expo in Australia it was once again well attended and the Mascot stand was busy with constant traffic for the four days. We showcased the DriveDrain range with excellent response.

This new trench is so accommodating; we already have plans for new grates that you'll see in our next edition.

DesignBuild Perth is on this October and we'll be there with our Grease Arrestors, DriveDrain and Electrical Pits.

We've been part of the Plumbing scene in Perth for a number of years, however we've invested in more stock and production capabilities in Perth that has enabled us to build our presence in the market significantly.

The annual Master Plumbers Regional Trade Nights are still running. Since the last issue we've been to Nowra, Wagga and Albury and we've got more to come, not to mention the Reseller BBQ's and training sessions that always keep us busy.

I hope you find this issue of interest.

Nick Taylor

DRAINAGE
Mascot Pits
Grates & Frames
Access Covers

No limits with Mascot Pits



GLASS-REINFORCED CONCRETE
The Strength Of Concrete
The Convenience Of Plastic

GMS Checkerplate Drop-in Covert

Suitable for pedestrian traffic only.



Cast Iron Grate & Frame In Concrete Surround

All load ratings available.



Finding the right Pit, Grate & Cover for your project has just got easier

Mascot Engineering has recently introduced a new Drainage Pits brochure into stores. The brochure features an easy to read table highlighting all the sizes and risers as well as images of all the grates and covers to suit.

If you haven't received one call the sales team on 02 9644 1044 and we'll send one to you.

Galvanised Mild Steel Drop-in Grates

Available in Light and Heavy Duty (cars & trucks), these GMS grates simply drop into the rebate of the Pit.



Hinged & Bolt Down GMS – Grate & Frame

This unique product has locating bars under the frame to ease installation. Available in Light & Heavy Duty (cars & trucks).



Heelproof GMS Drop-in Grate

For use in high pedestrian traffic areas, these grates simply drop into the rebate.



Glass Reinforced Concrete Drop-in Cover

Suitable for pedestrian traffic only complete with lifting key holes for easy access.



GMS Grate & Frame In Concrete Surround

Hinged & Bolt Down to suit all load ratings.



Cast Iron Gastight Access Cover & Frame In Concrete Surround

To suit all load ratings.



Type	Product Code	Internal Clear Opening Size	Depth	Overall Width (a)	Overall Length (b)	Weight
Pit	2S03D	300 x 300	300	330	330	12
Pit	2S14S	375 x 375	450	390	390	25
Riser	2S14E	375 x 375	450	390	390	19
Pit	2S25D	450 x 450	500	550	550	35
Pit	2S20D	450 x 450	800	550	550	59
Riser	2S20C	450 x 450	300	550	550	24
Riser	2S20S	450 x 450	600	550	550	39
Pit	2S35D	600 x 600	500	700	700	63
Pit	2S28D	600 x 600	800	700	700	96
Riser	2S30L75	600 x 600	175	700	700	24
Riser	2S30C	600 x 600	300	700	700	32
Riser	2S30S	600 x 600	600	700	700	52
Pit	2S47S	900 x 600	750	1000	1000	85
Riser	2S40S	900 x 600	300	1000	1000	31
Riser	2S40S	900 x 600	600	1000	1000	69
Pit	2S67S	900 x 500	750	1000	1000	158
Riser	2S50L75	900 x 500	175	1000	1000	38
Riser	2S50C	900 x 500	300	1000	1000	45
Riser	2S50S	900 x 500	600	1000	1000	60
Riser	2S50S	900 x 500	900	1000	1000	73
Pit	2S69D	1200 x 1200	900	1300	1300	279
Riser	2S60C	1200 x 1200	300	1300	1300	96
Riser	2S60S	1200 x 1200	600	1300	1300	175

Raising the bar at Rouse Hill

The new Rouse Hill Town Centre in Sydney's booming North West, isn't just a big shopping centre it's the size of a town.

We supplied the electrical contractor a range of electrical products including the pits to house the wiring for all the boom gates and lighting in the car parks.

With over 70,000sqm of retail space, 210 shops and 3,000 parking spaces the site is huge and getting around the site was a logistical nightmare for contractors.

Mascot's unique GRC Electrical Pits were ideal for the job, being lightweight yet able to handle traffic. Being easy to install their installation was done quickly and easily.



Introducing new products in our DriveDrain range

We have recently introduced a range of DriveDrain products which provide easy drainage for any driveway. These products are cost-effective, lightweight and practical, yet strong enough to stand up to

even the toughest industrial and commercial applications as well as residential.

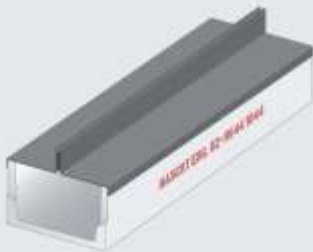
DriveDrain is manufactured from Glass Reinforced Concrete (GRC) - a

composite of fiberglass and concrete technologies. Mascot's unique GRC gives you the strength of concrete and the convenience of plastic. Among the products are:

The Channel System that adapts to your needs

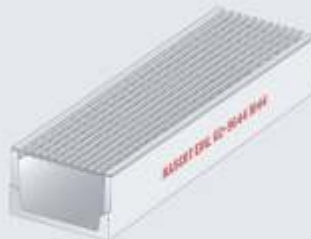
Seamless

A new 12mm slot-style drain for discreet drainage in paved areas. The sleek channel sits over the DriveDrain trench, either in the centre or to one side, and is available in all sizes to give the illusion of continuity in the pavers. The Seamless System is suitable for high pedestrian areas, as well as light vehicular traffic, it has been designed to suit up to a 60mm deep paver (allowing for bedding).



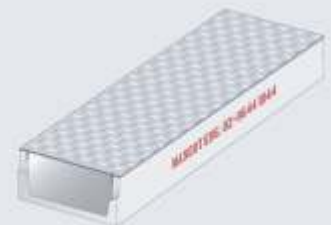
Sleek, Stylish Stainless Steel

Stainless Steel Heelproof grates are available for when aesthetics are paramount. Shown here is the drop-in option, it is also available with a Stainless Steel frame. These grates can be manufactured in either 304SS or 316SS dependant on the application and are available with a bolt down option.



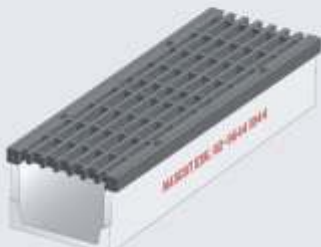
ShallowDrain

The latest in the DriveDrain range is a solution for suspended slabs or for where depth is an issue. We understand that things don't always go to plan, this led to the development of the ShallowDrain. With an overall depth of 70mm the ShallowDrain can be installed anywhere and is available with all grate options, including bolt down.



Traditional Cast Iron

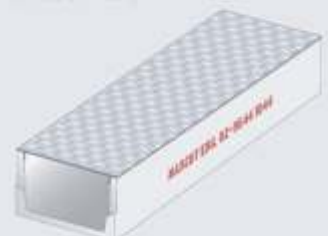
A longitudinal Bolt Down Cast Iron Grate and Frame is available for extra heavy duty applications, designed to take up to a Class F load.



The versatility of DriveDrain means that there are a number of grate options, if you don't see one here that suits your application, call the sales team on 1300 885 295 and we can custom make a product to suit.

GMS Longitudinal Grates

The default grate for DriveDrain is modern and durable. This Galvanised Mild Steel grate is available for heavy and light duty application. A bolt down option is also available.



Mascot's first year at the DesignBuild Expo

The annual DesignBuild Expo is the largest building and design expo in Australia and attracts many thousands of industry professionals from across the country.

The annual event alternates between Sydney and Melbourne and was last held in

Melbourne in June where Mascot Engineering had a stand for the first time and is delighted to report it proved to be a huge success.

"The expo is the 'motor show' of the building industry so everybody and anybody involved in building or designing is there,"

according to Mascot's Nick Taylor.

"The four day event is a major drawcard for architects, designers, builders, developers, plumbers, electricians, and every other type of tradesperson. Mascot will definitely be at next year's expo in Sydney."



Mascot's stand at Melbourne's DesignBuild Expo

Coming to a building site near you



We've recently updated our cars to match our new corporate look. They're all black with the big red 'M' down the side.

We'll all have to take more care on the roads now that the name is on the cars - especially Bryan!

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