includes:

How to measure covers
Manhole seals explained
Loadings made easy

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Introduction

Extensive product ranges
We have wide ranges or products which cover traditional iron & steel covers and gratings, channel drainage, geotextiles & special items.

Fast & effective national distribution
Stock items are usually delivered in 3-5 days, however special next day deliveries can be arranged. Please check with our sales teams for prices and details.

Vast product stockholding
We hold approximately £1.5 million of stock enabling fast effective distribution.

Un-compromising merchant support
Our three principals:
First class products
First class service
First class people
enables our company to give outstanding support to our national and international customers & stockists.

Highly experienced technical team
Our friendly sales team have unrivalled product and market knowledge and can advise clients on such issues as product designs and suitability for application.
**Manhole cover sizing explained**

All covers & frames are manufactured to clear opening sizes - put simply this is the size of the hole which the cover and frame is to span. The clear opening size of the cover is the inside frame dimension and consequently the cover & frame will then sit on the surrounding chamber.

It is vitally important to establish the clear opening of the chamber as a cover which is to small will have an un-supported frame and will fail. A cover which is too large in some instances will be ok, however if the cover has reinforcing to the underside of the lid (often the case on larger heavier units) this may clash with the chamber and will not fit correctly.

Many customers will measure the ‘visible’ or ‘lid’ size of the cover which is larger than the clear opening (hole size) often stating 650x550mm or 25”x18” (inches) these usually all have a 600x450mm clear opening dimension. Manhole covers must be larger than the clear opening (hole) to prevent them falling into the chamber.

**Manhole cover seals explained**

Covers & frames are available un-sealed, single sealed & double sealed. Un-sealed means that there is no seal - nearly always the case with heavy duty D400 iron products as they are double triangular and each lid only sits on the frame in three places. Slide-out products are also not sealed.

Single seal is often the standard although in many cases this is because of standard frame/cover designs rather than customer requirement. Single seal means single tongue and groove assembly. A single seal cover is airtight when the sealing groove is filled with grease. Double seal is quite simply a double tongue and groove or more effectively two rubber seals. This ‘double seal’ or double rubber seal design prevents odours escaping from the chamber when not under pressure. This design is required when foul drainage manholes are situated within buildings.
Steel loadings made easy

All steel covers are manufactured to loadings inline with the gross laden vehicle weight (total vehicle weight) of vehicles which are likely to travel over them i.e., 5 tonne gross laden vehicle or 10 tonne gross laden vehicle. This is where the abbreviation G.L.V.W. is derived (gross laden vehicle weight). Occasionally loadings are asked for as wheel loads. This is known as the slow moving wheel load (S.M.W.L.). It is important to establish what loading a customer is referring to as obviously a 10 tonne G.L.V.W. cover will not hold a 10 tonne wheel load (S.M.W.L.). Furthermore if the vehicle has a small wheel footprint (for example a forklift truck) then specially reinforced covers are required to account for the reduced contact area and the effect it has on the cover.

Please also note steelo covers and frames are only recommended for slow moving traffic applications not main roads - for main roads, heavy duty D400 ductile iron covers are required.

Class A
for use in pedestrian and cycling areas only.

Class AA
areas with vehicular traffic up to 10 tonnes (GLVW) or 1.5 tonnes (SMWL)

Class AAA
areas with vehicular traffic up to 10 tonnes (GLVW) or 2.5 tonnes (SMWL)

Class B
areas with vehicular traffic up to 17/26/44 tonnes (GLVW) or 5 tonnes (SMWL)

Class FL
areas with abnormal loads up to 11.5 tonnes (GLVW) also forklift traffic areas up to 5 tonnes (SMWL)
50 series pressed steel covers

Features: Pressed pattern lid, underbraced where required to meet stated load ratings. Lid supported and set into a single or double seal 25mm deep frame section. Manufactured to standard design. Standard products produced are single seal non-locking and double seal locking. Finish: Galvanised to BS EN ISO 1461 as standard.

Optional Extras: Locking 2 or 4 stainless steel screws, Neoprene seal.

Polypropylene frame
600x450mm clear opening

Single seal
PS50CGP - Pedestrian duty
PS51CGP - 5 tonne G.L.V.W.
PS52CGP - 10 tonne G.L.V.W.
PS53CGP - 17 tonne G.L.V.W.
PS55CGP - 25 tonne G.L.V.W.

Rubber sealed, locking 4 screws
PS50CGP/R - Pedestrian duty
PS51CGP/R - 5 tonne G.L.V.W.
PS52CGP/R - 10 tonne G.L.V.W.
PS53CGP/R - 17 tonne G.L.V.W.
PS55CGP/R - 25 tonne G.L.V.W.

450mm diameter PPIC cover
Galvanised lid C/w polypropylene frame
51450D - 5 tonne G.L.V.W.

Steel frame
Single seal
PS50 - Pedestrian duty
PS51 - 5 tonne G.L.V.W.
PS52 - 10 tonne G.L.V.W.
PS53 - 17 tonne G.L.V.W.
PS55 - 25 tonne G.L.V.W.

Double seal, locking 4 screws
available please contact sales

Standard sizes; (clear opening)
B = 450x450mm  C = 600x450mm  D = 600x600mm

For non-standard sizes please see 100 series product.

Specification/ordering: Please choose the required load rating and size reference suffix, stating any optional extras i.e. PS50-D locking 4 screws.
100 SERIES chequer top cover


Finish: Galvanised to BS EN ISO 1461 as standard.

Optional extras: Double seal. Locking 2 or 4 stainless steel screws. Locking with M.O.D. approved security screws. Lock and lift devices. Neoprene seal. Peephole inspection point. Flush fitting engraved plate indicating which services i.e. Water, Gas, and Electricity etc.

Load ratings:
- PS101 – FACTA Class AA 5 Tonne G.L.V.W.
- PS102 – FACTA Class AAA 10 Tonne G.L.V.W.
- PS104 – FACTA Class B 44 Tonne G.L.V.W.
- PS2307 – Special Forklift Loading.

Standard sizes: Clear Opening (chamber) mm
- A = 300 x 300
- B = 450 x 450
- C = 600 x 450
- D = 600 x 600
- E = 750 x 600
- F = 750 x 750
- G = 900 x 600
- H = 900 x 750
- J = 900 x 900
- K = 1000 x 1000

Non-standard sizes available please contact sales.

Specification/Ordering: Please choose the required load rating code and size reference suffix, stating optional extras i.e. PS104F Double Seal, Locking 4 screws.

Square to Round design for floor finish

Peter Savage R2 Recessed Square to Round PPI Chamber Access Cover for internal usage.

Load ratings:
- FACTA Class AAA 10 Tonne G.L.V.W

Product code & details:
- 450mm diameter clear opening,
- 530x530mm over top of frame,
- 60mm deep frame, 40mm of concrete/floor finish infill.
- — Double rubber sealed and locked as standard.
- — Square top to aid tile & floor finish cutting.
- — Circular clear opening to fit proprietary inspection chambers
- — Brass or Stainless Steel Edging available for enhanced finish
- — Manufactured under an ISO 9001:2000 Quality System
- — Galvanised after manufacture to BS EN ISO 1461 as standard.

SPECIFICATION / ORDERING: Please quote product code R2T-450 stating any optional extras i.e. R2T-450 Brass Edged.
3100 SERIES recessed for floor finish

Features: Recessed lid enabling concrete or concrete and floor finish infill. Solid tray base plate thus avoiding shuttering. Units manufactured from a specially matching lid and frame section. Brass or Stainless steel edged option available for areas that require an enhanced finish. Finish: Hot dipped galvanised to BS EN ISO 1461 as standard.

Ideal for internal usage: conservatories, hospitals, shopping and sport centres etc.

Optional extras: Brass or Stainless steel edged to top surface of access cover and frame. Allen key head security screws. M.O.D. approved security screws.

Load ratings: F.A.C.T.A Class AAA 10 Tonne GLVW

Product types:
PS3100 – Unsealed Non-locking
PS3104 – Double Rubber sealed & locked#
# denotes airtight units.

Also available with
BRASS EDGING illustrated & STAINLESS STEEL EDGING

Standard sizes:
(Clear opening) mm
A = 300 x 300
B = 450 x 450
C = 600 x 450
D = 600 x 600
E = 750 x 600
F = 750 x 750
G = 900 x 750
H = 900 x 750
J = 900 x 900
K = 1000 x 1000

Non standard sizes available please contact sales with requirements

Specification/ordering:
Please choose the required product type code, and size reference suffix, stating any optional extras i.e. PS3104E, Brass edged.
Access Covers for Block Paved Areas

Features: Designed specifically for domestic driveway/patio use where an aesthetically pleasing design is paramount. Recessed lid to accept block paving/slab infill. Finish: Hot dipped galvanised to BS EN ISO 1461 as standard.

The S.L.K. Slide-out cover for block paved areas with the UK registered secured lifting key design.

Loading rating: 10 Tonne G.L.V.W.

Covers which are in-filled with concrete or block paving are notoriously very heavy – the S.L.K heavy duty keys and sliding operation makes lid removal almost effortless!

Accepts up to 65mm infill

<table>
<thead>
<tr>
<th>Code</th>
<th>Clear opening</th>
<th>Overbase</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR6045-SLK</td>
<td>600x450mm</td>
<td>705x555mm</td>
<td>80mm</td>
</tr>
</tbody>
</table>

DRIVEWAY SERIES

Loading rating: 5 Tonne G.L.V.W.

Recess Size: Produced and stocked in 80mm recess (65mm paving) and 100mm recess (80mm paving). A shallow 65mm recess product is available in 600 x 450mm size reference = DR6045-65 manufacture for long life corrosion protection

Heavier duty versions available & stocked at Peter Savage Ltd. Special sizes/designs available, please contact our sales office with your requirements.

The new Savage R2 square top access cover with circular opening to suit PPI chambers

<table>
<thead>
<tr>
<th>Clear opening</th>
<th>80mm recess</th>
<th>100mm recess</th>
</tr>
</thead>
<tbody>
<tr>
<td>300x300mm</td>
<td>DR3030-80</td>
<td>-</td>
</tr>
<tr>
<td>450x450mm</td>
<td>DR4545-80</td>
<td>-</td>
</tr>
<tr>
<td>600x450mm</td>
<td>DR6045-80</td>
<td>DR6045-100</td>
</tr>
<tr>
<td>600x600mm</td>
<td>DR6060-80</td>
<td>DR6060-100</td>
</tr>
<tr>
<td>320mm dia</td>
<td>R2-300</td>
<td>-</td>
</tr>
<tr>
<td>450mm dia</td>
<td>R2-450</td>
<td>-</td>
</tr>
</tbody>
</table>
Specialist steel products

Products highlighted within this brochure represent a very small section of our overall product ranges. Please contact our technical sales teams for further product information.

**Multiple Cover & Duct Runs.**
Manufactured specially to customers requirements, all steel loadings available.

**3D Access System.**
Simple to use, single person operation, secure captive locking safety in mind.

**Open Mesh.**
Choose either open mesh covers or duct runs which are available in all loadings.

**Special Gratings.**
Available in galvanised and stainless steel.

Please contact our sales teams for further product details and specifications.
All iron covers are made to British Standard Specifications – BS EN124:1994. This specification includes loading categories for certain application areas:

**Standard loadings**

- **Class A15 – group 1**
  for use in pedestrian and cycling areas only.

- **Class B125 – group 2**
  for use in car parks & pedestrian areas where no heavy vehicles have access.

- **Class C250 – group 3**
  for areas where slow moving heavy traffic has access such as forecourts, industrial sites & kerbside up to 500mm from kerb & 200mm into the verge/path.

- **Class D400 – group 4**
  for areas with fast moving traffic such as high streets, trunk roads, carriageways & hard shoulders.

- **Class E600 – group 5**
  for areas where high wheel loads are evident i.e. dock yards etc – also for onerous areas where D400 may not be adequate i.e. in wheel track on carriageways etc.

- **F900 – group 6**
  for areas with extremely high wheel loads such as dockyards & airports.
Not all D400 products are ideally suited for busy carriageway/motorway applications and do not meet recommendations provided by the Highway Agency in HA104/02. These minimum specification products may be classified D400 but are generally more suited for quieter applications as opposed to busy high streets and trunk roads etc.

Peter Savage Ultra D400 products can be used in all carriageways (trunk roads, motorways etc) and lower traffic areas such as estate roads. Ultra specification products are highlighted with the Ultra logo.

“Where there is any doubt regarding the selection of the appropriate class, the stronger class should be selected.” BS EN124:1997

**BS EN124 - F900 Covers & Gratings**

<table>
<thead>
<tr>
<th>Code</th>
<th>Clear opening</th>
<th>Depth</th>
<th>Overall Frame</th>
<th>Technical Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>KD10F</td>
<td>640x640mm</td>
<td>150mm</td>
<td>950x950mm</td>
<td>1.2N/mm² (F.A.B.P)</td>
</tr>
<tr>
<td>KD41F</td>
<td>450x450mm</td>
<td>150mm</td>
<td>610x542mm</td>
<td>1028cm² waterway</td>
</tr>
</tbody>
</table>

**BS EN124 - E600 Covers**

<table>
<thead>
<tr>
<th>Code</th>
<th>Clear opening</th>
<th>Depth</th>
<th>Overall Frame</th>
<th>F.A.B.P.</th>
</tr>
</thead>
<tbody>
<tr>
<td>KD10E</td>
<td>600x600mm</td>
<td>150mm</td>
<td>880x880mm</td>
<td>1.5N/mm²</td>
</tr>
<tr>
<td>KD12E</td>
<td>675x675mm</td>
<td>150mm</td>
<td>955x955mm</td>
<td>1.4N/mm²</td>
</tr>
<tr>
<td>KD19E</td>
<td>1220x675mm</td>
<td>150mm</td>
<td>1500x955mm</td>
<td>1N/mm²</td>
</tr>
</tbody>
</table>

F.A.B.P. = Frame Area Bearing Pressure
**BS EN124 - D400 Covers**

Manufactured to BS EN124 Class D400 Kitemarked for third party assurance of quality. Ultra products comply with Design Manual for Roads & Bridges Vol 4 Section 2 Part 5, HA104/02. All products additionally conform to BS 7903.

Ductile iron for improved weight to strength ratio. Suitable for carriageway & fast moving traffic. 80mm depth of cover insertion into frames. 75mm solid bedding width. 40 Tonne safe test load. Works safety tested to 44 tonnes = +10%.

Non rock three point suspension for stability & silent operation. Black coated finish.

<table>
<thead>
<tr>
<th>Code</th>
<th>Clear opening</th>
<th>Overall Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>KD10</td>
<td>600x600mm</td>
<td>750x750mm</td>
</tr>
<tr>
<td>KD12</td>
<td>675x675mm</td>
<td>825x825mm</td>
</tr>
<tr>
<td>KD190</td>
<td>1220x675mm</td>
<td>1320x775mm</td>
</tr>
<tr>
<td>KD19</td>
<td>1220x675mm</td>
<td>1370x825mm</td>
</tr>
</tbody>
</table>

**Savage Ultra - Suitable for all D400 applications**

Sizes from 450x450 to 1830x675 stocked at Peter Savage Limited. Also 150mm deep castings are available. Please ask our sales office for further details.


<table>
<thead>
<tr>
<th>Code</th>
<th>Clear opening</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>KD60C</td>
<td>450x450mm</td>
<td>75mm</td>
</tr>
<tr>
<td>KD61C</td>
<td>600x450mm</td>
<td>75mm</td>
</tr>
<tr>
<td>KD62C</td>
<td>600x600mm</td>
<td>75mm</td>
</tr>
</tbody>
</table>

Sizes up to 900 x 900 stocked at Peter Savage Limited.

**Full single seal gives airtight seal when packed with grease**

Nuneaton: 024 7664 1777
Wakefield: 01924 258 381
024 7637 5250
01924 258 382
BS EN124 - D400 Gully Gratings

Peter Savage D400 products feature the patented AMP’s system. Please consult our technical sales department for full details.

One D400 range to suit all D400 applications
Suitable for carriageway & fast moving traffic, 100mm deep gully gratings.

# 6” deep versions also available please contact sales for details.

BS EN124 - C250 Gully Gratings

Suitable for carriageway applications not exceeding 500mm from the kerbside.

Suitable for slow moving heavy traffic

Yard gullies

Proprietary Yard Gully Gratings

<table>
<thead>
<tr>
<th>Code</th>
<th>Over Grate</th>
<th>Gully Pot</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>KD70</td>
<td>225x225mm</td>
<td>228mm</td>
<td>Flat top</td>
</tr>
<tr>
<td>KD71</td>
<td>225x225mm</td>
<td>228mm</td>
<td>Dished</td>
</tr>
<tr>
<td>KD72</td>
<td>330x330mm</td>
<td>304mm</td>
<td>Flat top</td>
</tr>
<tr>
<td>KD73</td>
<td>330x330mm</td>
<td>304mm</td>
<td>Dished</td>
</tr>
</tbody>
</table>
BS EN124 - B125 covers

**Features:**
- Manufactured to BS EN124 class B125
- B.S.I. Kitemarked for third party assurance of quality
- Ductile iron for improved weight to strength ratio
- SLIDE-OUT units are un-sealed & allow easy removal
- Suitable for car parks & footways
- Black coated finish

The **Revolve** (KD30) Square to round cover easily fits onto 450mm PPIC chambers whilst reducing installation times due to square frame. A must for groundworkers and D.I.Y. enthusiasts alike.

<table>
<thead>
<tr>
<th>Code</th>
<th>Clear Opening</th>
<th>Depth</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>#KD30</td>
<td>450mm dia</td>
<td>31mm</td>
<td>Square to round</td>
</tr>
<tr>
<td>#KD31</td>
<td>450mm dia</td>
<td>20mm</td>
<td>Single seal</td>
</tr>
<tr>
<td>#KD31L</td>
<td>450mm dia</td>
<td>20mm</td>
<td>Single seal/locked</td>
</tr>
<tr>
<td>KD3240</td>
<td>450x450mm</td>
<td>40mm</td>
<td>Single seal</td>
</tr>
<tr>
<td>KD3340</td>
<td>600x450mm</td>
<td>40mm</td>
<td>Single seal</td>
</tr>
<tr>
<td>KD3340S</td>
<td>600x450mm</td>
<td>40mm</td>
<td>Slide-out</td>
</tr>
<tr>
<td>KD3440</td>
<td>600x600mm</td>
<td>40mm</td>
<td>Single seal</td>
</tr>
<tr>
<td>KD3440S</td>
<td>600x600mm</td>
<td>40mm</td>
<td>Slide-out</td>
</tr>
</tbody>
</table>

Larger sizes (up to 1220 x 675mm) stocked at Peter Savage Limited

# Products have a frame spigot to suit PPI Chambers and is available locked or non locked.

Nuneaton 024 7664 1777 024 7637 5250
Wakefield 01924 258 381 01924 258 382
access covers & drainage product specialists

BS EN124 - A15 covers

Features:
Manufactured to BS EN124 class A15
Single/Double seal access covers
Manufactured from Grey Iron
Only suitable for areas accessible for pedestrians & cyclists

Single Seal

<table>
<thead>
<tr>
<th>Code</th>
<th>Clear Opening</th>
<th>Depth</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>E10A1</td>
<td>450x450mm</td>
<td>29mm</td>
<td>solid top</td>
</tr>
<tr>
<td>E10B1</td>
<td>600x450mm</td>
<td>27mm</td>
<td>solid top</td>
</tr>
<tr>
<td>E10C</td>
<td>600mm dia</td>
<td>35mm</td>
<td>solid top</td>
</tr>
<tr>
<td>E10C1</td>
<td>600x600mm</td>
<td>32mm</td>
<td>solid top</td>
</tr>
</tbody>
</table>

Double Seal

<table>
<thead>
<tr>
<th>Code</th>
<th>Clear Opening</th>
<th>Depth</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>E11B</td>
<td>600x450mm</td>
<td>42mm</td>
<td>solid top</td>
</tr>
<tr>
<td>E11C</td>
<td>600x600mm</td>
<td>45mm</td>
<td>solid top</td>
</tr>
</tbody>
</table>

Proprietary Polypropylene Inspection Chamber (PPIC) manhole cover & frames E10APL & E10ADS illustrated.

PPIC covers

#E10APL & E10ASL
35Kn, 3.5 tonnes test load. Please contact sales for release date for E10ASL square to round.

<table>
<thead>
<tr>
<th>Code</th>
<th>Clear Opening</th>
<th>Depth</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>#E10ASL</td>
<td>450mm dia</td>
<td>29mm</td>
<td>ss,st,ls,pc,pf</td>
</tr>
<tr>
<td>#E10APL</td>
<td>450mm dia</td>
<td>30mm</td>
<td>ss,st,ls,pc,pf</td>
</tr>
<tr>
<td>E10ACP</td>
<td>450mm dia</td>
<td>38mm</td>
<td>ss,st,pf</td>
</tr>
<tr>
<td>E10ACPL</td>
<td>450mm dia</td>
<td>31mm</td>
<td>ss,st,ls,pf</td>
</tr>
<tr>
<td>E10AC</td>
<td>450mm dia</td>
<td>33mm</td>
<td>ss,st,cf</td>
</tr>
<tr>
<td>E10ADS</td>
<td>450mm dia</td>
<td>43mm</td>
<td>ds,st,ls,cf</td>
</tr>
</tbody>
</table>

Type key ss= single seal, ds= double seal, ls= locked, pc= plastic cover, cf= iron frame, pf= plastic frame

sales@PETER-SAVAGE.co.uk
Specialist iron products

KD10H
Single person operated D400 cover.

KD20-6
1830 x 675mm Clear Opening D400.

Sealing/Pressure Plates & Security Grilles

Security Locking

Kerb Drainage
Inc kerb gullies (GK115/165) & bridge drain units

Blogully
To suit proprietary block paving drainage channel

Badging
Standard & Special Badging
Please contact sales for further details.
LIBERTYPLAS is ideal for use in all domestic applications. It’s attractive diagonal safe-slot grate has a raised anti-slip pattern and a snap-lock boltless locking system. If a galvanised steel grating is your preference then the SelfPLAST domestic channel is for you.

The innovative range also includes commercial drainage with loadings ranging from A15 (pedestrian) through to E600 (60 tonnes).

Tongue & Groove - Jointing, blanking & outlet sections make the range of products a favourite with contractors, groundworkers and D.I.Y. enthusiasts alike.

Channel selector guide

**LibertyPlast**  A domestic winner with safe-slot plastic grates  
**Selfplast**  A real winner for gardens, patios & driveways

Domestic/Commercial

**VIP20**  Versatile VIP with a choice of 6 grates  
**WING**  Unique safe-slot/slotted industrial grates

<table>
<thead>
<tr>
<th>Load</th>
<th>Description</th>
<th>Grates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pedestrian</td>
<td>1m long plastic</td>
<td>1x anti-slip safe-slot</td>
</tr>
<tr>
<td>Pedestrian</td>
<td>1m long hdpe</td>
<td>1x slotted galv steel</td>
</tr>
<tr>
<td>Pedestrian</td>
<td>1m long hdpe</td>
<td>2x hdpe swimming pool</td>
</tr>
<tr>
<td>A15</td>
<td>1m long hdpe</td>
<td>1x slotted galv steel</td>
</tr>
<tr>
<td>Driveway</td>
<td>1m long hdpe</td>
<td>2x hdpe mesh</td>
</tr>
<tr>
<td>C250</td>
<td>1m long hdpe</td>
<td>2x ductile iron</td>
</tr>
<tr>
<td>C250</td>
<td>1m long hdpe</td>
<td>2x safe-slot iron</td>
</tr>
<tr>
<td>D400</td>
<td>1m long hdpe</td>
<td>2x ductile iron</td>
</tr>
<tr>
<td>E600</td>
<td>1m long hdpe+steel edge</td>
<td>2x ductile iron</td>
</tr>
<tr>
<td>E600</td>
<td>1m long hdpe+steel edge</td>
<td>2x safe-slot iron</td>
</tr>
<tr>
<td>F900</td>
<td>1m long hdpe+steel edge</td>
<td>2x ductile iron</td>
</tr>
</tbody>
</table>

Please contact sales for full product details and accessories.
Savage ALFADrain offers you quality traditional products. Tried and tested materials such as the modern high strength polyacron® polymer concrete are used throughout. The systems are available in a choice of nominal widths, load classes and edge types. The Savage ALFADrain ranges meet the requirements and constraints imposed on public works buildings and industrial structures: parking lots, building entrances, roads, airport runways, warehouses and operational areas etc.

A15 Domestic Usage
Polymer concrete drainage channel complete with Snap-fix galvanised steel gratings. Ideal for pedestrian and light traffic applications.

C250 Heavy Duty
100mm wide polymer concrete drainage channels complete with galvanised steel reinforced edges. Ideal for car parks, pedestrian areas & town centres etc.

F900 Ultra Heavy Duty
Polymer concrete drainage channels C/with ductile iron reinforced edges & 8 point locking. For use in all heavy duty situations i.e. loading bays, airports, dockyards & areas with turning circles for heavy articulated vehicles.

ALFAMax is available in 100, 150, 200 & 300mm wide channels for areas with greater hydraulic requirements. For further details please contact sales.

Peter Savage representatives are available for site visits, take-offs and of course to advise with hydraulic problems such as selecting the correct channel type and size which best suits your requirements.
Savage Geotextiles

The ideal fabric for all your weed control needs.

Features:
* 70gms black UV woven polypropylene geotextile.
* Perfect for flower & shrub beds, vegetable beds, garden paths and under decking.
* Specifically designed to prevent weed growth from penetrating the membrane from underneath.

GeoSAV-95 is an ideal non-woven geotextile fabric for separation, stabilisation, filtration, protection and drainage applications.

Features:
* 90gms non-woven polypropylene geotextile.
* Perfect for block paving drives, patios, paving slabs, children's play areas, land drains and aggregate areas (non-vehicular).
* Prevents migration of aggregate layers into sub base.
* Prevents rutting, blocks and slabs becoming uneven.

GeoSAV-115 is an ideal non-woven geotextile fabric for stabilisation, separation, filtration, protection and drainage applications.

Features:
* 105gms non-woven polypropylene geotextile.
* Ideal for domestic and building purposes.
* Prevents migration of aggregate layers into sub base.
* Prevents tyre tracking and tramways on drives, rutting, blocks and slabs becoming uneven.

<table>
<thead>
<tr>
<th>Code</th>
<th>Area Weight</th>
<th>Roll size</th>
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<tbody>
<tr>
<td>GEOWC</td>
<td>70g/m²</td>
<td>1m x 14m</td>
</tr>
<tr>
<td>GEOWC2</td>
<td>70g/m²</td>
<td>2m x 50m</td>
</tr>
<tr>
<td>GEOSAV95</td>
<td>90g/m²</td>
<td>4.5m x 100m</td>
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<tr>
<td>GEO95-2x25</td>
<td>90g/m²</td>
<td>2m x 25m</td>
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<td>GEO95-2x50</td>
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<td>2m x 50m</td>
</tr>
<tr>
<td>GEOSAV115</td>
<td>105g/m²</td>
<td>4.5m</td>
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</table>
This brochure is a select collection of products from the Peter Savage Ltd range. For further products, details or general assistance, please contact either of our depots where our technical sales teams will be pleased to be of assistance. For contact details please see the internal pages.

www.peter-savage.co.uk

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