

lindab | we simplify construction



July 2022 Price List





# We're here to help

At Lindab Profile, our aim is to match the reliability of our products with that of our service. Customer support is a core part of our business philosophy.

Our customers are the people we meet on a daily basis, rather than the companies they work at. It is alongside all these people – designers and architects, fitters and installers – that we have built our trust. Lindab is a partner you can trust. Our relations are based on an in-depth understanding of the challenges our customers face. We create our solutions based on these needs and challenges.

#### We are always near

We are proud of the relationships we have developed with local authorities, housing associations, exclusive developers, contractors and end-users across the UK. Thanks to unique customer contacts, we can predict what you need and adapt our offering to suit specific local requirements. It is important to us, because it is important to you, that we optimise the various sales channels we have on each market.

We have a dedicated team of UK regional Business Development Managers and Specification Managers who have been trained to the highest degree on our Rainwater System. Our team is available to visit you, we will give you full technical support on site and work closely with your designated contractor. Our team can also offer product training and marketing materials to enable you to make the choice that is right for you.

#### There when you need us

In a UK market undergoing rapid transformation, there are increasing demands on simplification, speed, flexibility and reliability. We meet these demands and simplify the construction process – before, during and after. We do this with a sustainable supply chain, efficient logistics and a customer-focused flow that creates greater value for you.

We have a committed customer support team at our UK sales office. They can provide you with technical assistance, quotes, order entry and problem-solving solutions just by picking up the phone. Send us your building drawings and we will even do a 'product take-off' for you free of charge.

#### Orders & general enquiries Tel: 0121 585 2780 Email: profile@lindab.co.uk

Quotes & technical enquiries Tel: 0121 585 2788 Email: profile.technical@lindab.co.uk

Opening Times: Monday – Thursday 8am-5pm Friday 8am-4pm

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# Have confidence

Our fundamental idea is to contribute to simplifying construction in all phases of the construction process: in the design phase of the product itself, its installation and performance. Quality management systems are applied throughout the business. Lindab's production units have quality systems certified to ISO 9001.

Lindab are committed members of the Builders Merchant Federation, the Metal Gutter Manufacturers Association and the RIBA CPD Providers Network.



## Right place, right time

We have a network of approved distributors across the UK which can help you with orders, quotes and arranging visits from our regional managers. Deliveries are made from our UK distribution centre to your local distributor or directly to a site of your choice. Care should be taken for health and safety of personnel when handling consignments.

Normal delivery time is 3-7 working days, items that are not held in stock in the UK will have an extended lead time. Orders placed are subject to VAT at the current rate, terms and conditions apply. Carriage charges may be applicable.

## Lindab Express

Enhanced delivery times are available for standard stocked items.

Although we always process customer orders efficiently and we are proud of our ability to delivery consistently on time-in full we know that there are occasions when this is not quick enough. Our Lindab Express delivery service can guarantee next day delivery for orders received and acknowledged by our sales office before 11am.

Lindab Express is only available for standard items that are held in stock at our UK distribution centre. The Lindab Express logo is displayed next to applicable items. Express service is subject to product and haulage availability, additional carriage charges will apply. Next day delivery may not be available to all postcode areas.











# Features and Benefits of Lindab Rainline

## The sustainable choice

Tests have proven that steel has the lowest carbon footprint of any rainwater system. Manufactured from up to 30% recycled material, having an expected useful life of up to 70 years, and being completely recyclable means that the lifespan environmental impact of steel is much less than plastics and other metals.



## Looks that last

Stylish design available in a choice of 10 painted colours and unpainted Magestic galvanised steel or natural

copper finishes. Painted steel has a thick layer of zinc coating on both sides of the steel core to protect from corrosion. High-build, scratch-resistant polyester paint is UV stable and has excellent colour fastness. Unpainted materials have a natural finish which age beautifully.

### Low maintenance To ensure a long service life, the only maintenance that is required is an annual wipe or wash. Plastic can shrink and move when exposed to changing temperatures which can cause cracks and leaks, steel has low thermal movement minimising repair requirements. Vandal resistant products can be selected to further reinforce pipes from potential damage.



### Quick and easy to install

Smart push-fit and click-lock design features save installation time for professionals and make DIY easy. Self-sealing stopends and joints with built-in gaskets provide secure fit without sealants or welding. Lightweight 3m lengths are quicker and easier to handle than cast iron and aluminium and don't require specialist equipment on-site.

### **Unlimited** applications

Rainline gutters are available in either half round or rectangular profiles in a choice of 5 sizes to suit different roof sizes and local rainfall expectations. Size, shape, colour and finish options and an unrivalled range of problem-solving components provide combinations to suit classic or contemporary aesthetics for domestic or commercial properties.





### Most cost-effective option

Steel is significantly lower in cost than other metal rainwater materials and whilst being competitively priced against plastic systems, the superior lifeexpectancy makes it the logical choice financially. A 15 year warranty on painted Rainline systems and a 10 year warranty on Magestic galvanised systems give further peace of mind.



# Lindab Magestic

### Elite galvanisation

New technology has allowed galvanised steel to be developed using magnesium to create a stable barrier to protect zinc's porous structure against corrosion factors.

#### New material technology

The zinc coating composition used for Magestic is strengthened with 3% magnesium and 3.5% aluminium. Hot dipped zinc galvanised coatings have a porous structure, magnesium creates a compact structure with high corrosion inhibition and creates a stable barrier against corrosion factors.

## Proven protection

## Highest surface protection rating of any metallic coated steel

Salt spray tests demonstrate more than 20 times the corrosion resistance of hot dipped galvanisation (ISO 9227).

Zinc Galvanised Magnesium Zinc Galvanised





After 6 weeks salt spray test

# Self-healing

A galvanised coating migrates to repair red rust on cuts and scratches. Magnesium is more anodic than zinc making the sacrificial properties of the Magestic coating more active than a zinc galvanised coating. The self-healing effect remains on heavy gauge Magestic material above 5mm.





## Reduced coastal corrosion

Ultimate resistance in aggressive environments

Natural exposure tests demonstrate more than 3 times the corrosion resistance of standard galvanisation in marine environments.

Magestic corrosion rate is not influenced by the chlorine content of the environment.

## Exceptionally environmentally friendly

#### **Reduced zinc resource consumption**

Galvanised steel is already the most environmentally friendly material used in rainwater systems, Magestic has a reduced impact on zinc resources.

Adding a minor factor of magnesium to the zinc dramatically improves performance enabling reduced coating thickness.

**Runoff rate in C4** 

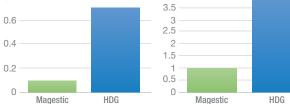
(g/m2/year)

4

**Maritime environment** 

Less than 25% zinc run off into soils compared to hot dipped galvanised steel.





## Ages beautifully

#### Natural weathering effect

Unpainted metal gutters react to the installation environment, the material will develop unevenly and adjust naturally. Magestic settles to an attractive dark grey metallic appearance within 3-5 years after installation.







# Beauty that lasts – painted Rainline

A choice of 10 painted colours to suit classic or contemporary aesthetics for domestic or commercial properties. High-build, scratch-resistant polyester paint is UV stable, has excellent colour fastness and is flexible which ensures that the coating isn't damaged when products are formed from the sheet steel. Painted Rainline systems are supplied with a 15 year warranty.

Colours displayed may vary from actual, NCS and RAL codes are the nearest colour match. Swatch samples can be supplied to demonstrate true colour.



















# An elegant finish – unpainted metals

Unpainted metal options provide a uniquely attractive organic aesthetic. The new improved Magestic galvanised rainwater system and supreme natural copper Rainline system will weather and adjust to the environment requiring minimum maintenance.

Unpainted finishes are not covered by Lindab's 15 year warranty. Lindab Magestic carries a 10 year warranty. For further details of Lindab warranties see www.lindab.co.uk

#### Magestic

Magestic – The King of Galvanised Gutters, an improved galvanised steel with a strengthened magnesium zinc alloy coating offering the highest surface protection of any metallic coated steel. Magestic settles into an attractive dark grey metallic appearance within 3-5 years after installation.

#### Natural Copper

A limited range of Rainline products are available in uncoated copper. The finish is highly desirable and provides excellent corrosion resistance once it has transitioned to a greenish verdigris patina.

#### **Stainless Steel**

Only Rainline Vandal proof products are available in a stainless steel finish. The products are made from 1.5m stainless steel plate.







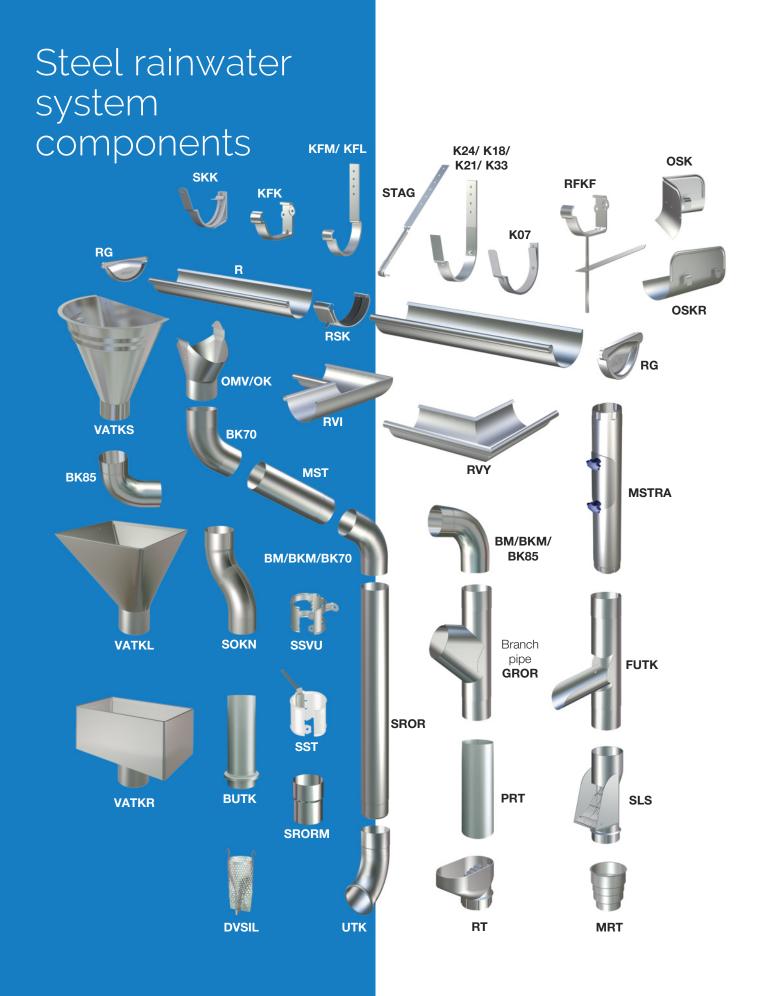




**Natural Copper** 



**Stainless Steel** 





## Half Round Gutters & Fittings

### Gutters

#### R - Half Round Gutter

- Roll formed 0.6 mm steel with bead stiffened front
- Can be joined using RSK gutter joint or roll joint method
- Supplied in 3 m lengths as standard



|         |            |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   | $\bigcirc$   | Copper    |
|---------|------------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product | Length (m) | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| R3100   | 3          | 100       | ©Ex          | 38.89     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 44.51     | $\checkmark$ | 144.92    |
| R3125   | 3          | 125       | ©Ex          | 43.76     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 47.55     | ~            | 161.23    |
| R3150   | 3          | 150       | ©Ex          | 56.95     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 64.80     | $\checkmark$ | 190.66    |
| R3190   | 3          | 190       | $\checkmark$ | 77.07     | $\checkmark$ |              |              |              | 84.43     |              |           |
| R2100   | 2          | 100       | $\checkmark$ | 35.79     | $\checkmark$ |              |              |              | 39.51     | $\checkmark$ | 124.37    |
| R2125   | 2          | 125       | $\checkmark$ | 40.97     | $\checkmark$ | 43.54     | ~            | 130.03    |
| R2150   | 2          | 150       | $\checkmark$ | 51.74     | $\checkmark$ | 56.99     |              |           |

## **Gutter Joints**

#### **RSK – Gutter Joint**

- Used to join gutters or gutter angles
- Designed with click and lock mechanism for easy installation
- Built-in EPDM rubber gasket, doesn't require sealant or screws



|               |           |     | Magestic  |     |     |     |     |     | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |    | Copper    |
|---------------|-----------|-----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----|-----------|
| Product       | Size (mm) | MG  | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| RSK100        | 100       | ©Ex | 7.94      | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 8.35      |    |           |
| RSK125        | 125       | ©Ex | 8.07      | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | 8.51      |    |           |
| <b>RSK150</b> | 150       | ©Ex | 8.65      | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | 9.11      |    |           |



Contact us to find out about our RIBA approved CPD seminars. Email: cpd@lindab.co.uk

## **Stopends**

#### RG - Self-Locking Stop End

- Required for each end of a gutter run, universal for left and right hand
- Remove surplus ear and push-fit around gutter end
- Built-in EPDM rubber gasket, doesn't require sealant or screws





|         |       |           |     | Magestic  |     |     |     |     |     | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
|---------|-------|-----------|-----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product | Туре  | Size (mm) | MG  | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| RG100   | LH/RH | 100       | ©Ex | 5.03      | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 5.54      |              |           |
| RG125   | LH/RH | 125       | ©Ex | 5.41      | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | 5.87      | $\checkmark$ | 18.29     |
| RG150   | LH/RH | 150       | ©Ex | 5.80      | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | 6.15      | $\checkmark$ | 20.96     |

#### RGV/RGH/RGU - Stop End

- Required for each end of a gutter run, RGV for left hand, RGH for right hand and RGU is universal for left and right hand
- Sits inside gutter end, fitted using roll joint method
- It is recommended that sealant is used



|         |       |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |              | Copper    |
|---------|-------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|--------------|-----------|
| Product | Туре  | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU           | Price (£) |
| RGV190  | LH    | 190       | $\checkmark$ | 10.98     | $\checkmark$ |     |     |     | 11.96     |              |           |
| RGH190  | RH    | 190       | $\checkmark$ | 10.98     | $\checkmark$ |     |     |     | 11.96     |              |           |
| RGU100  | LH/RH | 100       |              |           |              |              |              |              |              |              |              |              |              |              |     |     |     |           | $\checkmark$ | 17.45     |

Images for illustrative purposes only. Further details of the colour range can be found on page 8

Keep up-to-date with Rainline and Ventilation events and offers – follow us on Twitter **@UK\_Lindab** 





## Half Round Gutters & Fittings

## Gutter Angles

#### **RVI – Internal Gutter Angle**

- Required for roof features such as recesses or extensions, require 2 RSK gutter joints
- Universal for left and right hand, available to fit 90° or 135° corners or other angles on request



• Angles may be pressed or fabricated, finish may vary

|         |       |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
|---------|-------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product | Angle | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| RVIS100 | 90°   | 100       | ©Ex          | 40.85     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 46.87     | $\checkmark$ | 92.63     |
| RVIS125 | 90°   | 125       | ©Ex          | 42.45     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 47.97     | $\checkmark$ | 99.95     |
| RVIS150 | 90°   | 150       | ©Ex          | 49.35     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 57.45     | $\checkmark$ | 116.81    |
| RVIO100 | 135°  | 100       | $\checkmark$ | 61.28     | $\checkmark$ |              |              |              | 70.33     |              |           |
| RVIO125 | 135°  | 125       | ©Ex          | 63.66     | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | ©Ex          | $\checkmark$ | 71.98     |              |           |
| RVIO150 | 135°  | 150       | $\checkmark$ | 74.04     | $\checkmark$ | 86.18     |              |           |

#### **RVY – External Gutter Angle**

- Required to continue gutter line around a corner, require 2 RSK gutter joints
- Universal for left and right hand, available to fit 90° or 135° corners or other angles on request
- Angles may be pressed or fabricated, finish may vary



|                |       |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
|----------------|-------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product        | Angle | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| RVYS100        | 90°   | 100       | ©Ex          | 40.85     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 46.87     | $\checkmark$ | 92.63     |
| RVYS125        | 90°   | 125       | ©Ex          | 42.45     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 47.97     | ~            | 99.95     |
| RVYS150        | 90°   | 150       | ©Ex          | 49.35     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 57.45     | $\checkmark$ | 116.81    |
| RVYO100        | 135°  | 100       | $\checkmark$ | 61.28     | $\checkmark$ |              |              |              | 70.33     |              |           |
| RVYO125        | 135°  | 125       | ©Ex          | 63.66     | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | ©Ex          | $\checkmark$ | 71.98     |              |           |
| <b>RVYO150</b> | 135°  | 150       | $\checkmark$ | 74.04     | $\checkmark$ | 86.18     |              |           |

## **Gutter Outlets**

#### **OMV/OK – Gutter Outlet**

- Can be positioned at any point along the gutter to connect to a downpipe
- Requires hole to be created in the gutter
- Uses flex-fit flaps to secure, OMV
   has click-fit for easy installation



|                |             |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
|----------------|-------------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product        | Outlet (mm) | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| <b>OMVA100</b> | 75          | 100       | ©Ex          | 15.44     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 16.23     |              |           |
| 0KA100         | 75          | 100       |              |           |              |              |              |              |              |              |              |              |              |              |              |              |              |           | $\checkmark$ | 55.54     |
| OMVA125        | 75          | 125       | ©Ex          | 16.30     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 17.16     |              |           |
| OKA125         | 75          | 125       |              |           |              |              |              |              |              |              |              |              |              |              |              |              |              |           | ~            | 59.96     |
| OKA150         | 75          | 150       | ©Ex          | 19.03     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ✓            | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              | -            |              | 20.34     | $\checkmark$ | 64.44     |
| OMVB100        | 87          | 100       | ©Ex          | 15.44     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 16.23     |              |           |
| OKB100         | 87          | 100       |              |           |              |              |              |              |              |              |              |              |              |              |              |              |              |           | $\checkmark$ | 55.54     |
| OMVB125        | 87          | 125       | ©Ex          | 16.30     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 17.16     |              |           |
| OKB125         | 87          | 125       |              |           |              |              |              |              |              |              |              |              |              |              |              |              |              |           | $\checkmark$ | 59.96     |
| OMVB150        | 87          | 150       | ©Ex          | 19.03     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 20.34     |              |           |
| OKB150         | 87          | 150       |              |           |              |              |              |              |              |              |              |              |              |              |              |              |              |           | $\checkmark$ | 64.44     |
| OMVC125        | 100         | 125       | ©Ex          | 16.30     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 17.16     |              |           |
| OKC125         | 100         | 125       |              |           |              |              |              |              |              |              |              |              |              |              |              |              |              |           | $\checkmark$ | 59.96     |
| OMVC150        | 100         | 150       | ©Ex          | 19.03     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 20.34     |              |           |
| OKC150         | 100         | 150       |              |           |              |              |              |              |              |              |              |              |              |              |              |              |              |           | $\checkmark$ | 64.44     |
| OKC190         | 100         | 190       | $\checkmark$ | 35.49     | $\checkmark$ |              |              |              | 40.78     |              |           |
| OMVD150        | 120         | 150       | $\checkmark$ | 19.03     | $\checkmark$ |              |              |              | 20.34     |              |           |
| 0KD150         | 120         | 150       |              |           |              |              |              |              |              |              |              |              |              |              |              |              |              | 20.34     | ~            | 64.44     |
| OKD190         | 120         | 190       | $\checkmark$ | 35.49     | $\checkmark$ |              |              |              | 40.78     |              |           |

## **Request** a colour sample

For a true to life representation of Rainline colours, credit card sized coated steel sample swatches are available. Email a request for your colour of choice to **rainline@lindab.co.uk** 



## Half Round Gutters & Fittings

## Fascia Brackets

#### KFK – Fascia Bracket

- Solid 5 mm steel bracket used to secure gutters to fascia boards
- Recommended 600 mm spacing, should be installed to create fall of 10 mm per 3 m run
- Standard screw hole and oval hole designed to allow precise adjustments

| to secure                    |    |        |  |
|------------------------------|----|--------|--|
| ng, should be<br>per 3 m run | SM | AG     |  |
| nole designed                |    |        |  |
| Magestic                     |    | Copper |  |
|                              |    |        |  |

DG K24

|         |           |     |           | 1000 |     | <b>_</b> | -   | -   | $\sim$       | <u> </u>     | <u> </u>     | $\sim$       | <u> </u>     | -            | -            | -            |           | <u> </u> |           |
|---------|-----------|-----|-----------|------|-----|----------|-----|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----------|-----------|
| Product | Size (mm) | MG  | Price (£) | SM   | AM  | AG       | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU       | Price (£) |
| KFK100  | 100       | ©Ex | 5.43      | ©Ex  | ©Ex | ©Ex      | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 5.65      |          |           |
| KFK125  | 125       | ©Ex | 5.80      | ©Ex  | ©Ex | ©Ex      | ©Ex | ©Ex | $\checkmark$ | 5.87      |          |           |
| KFK150  | 150       | ©Ex | 5.89      | ©Ex  | ©Ex | ©Ex      | ©Ex | ©Ex | $\checkmark$ | 6.00      |          |           |

#### K07/K24 – Flex-Fit Fascia Bracket

- Uses flexible clips to hold the gutter in place
- Recommended 600 mm spacing, should be installed to create fall of 10 mm per 3 m run
- 70 mm bracket with 2 fixing holes and 240 mm extended bracket with 4 screw holes to secure larger gutters \_

|         |            |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
|---------|------------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product | Length (m) | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| K07100  | 70         | 100       | $\checkmark$ | 7.03      | $\checkmark$ |              |              |              | 7.99      | $\checkmark$ | 26.06     |
| K07125  | 70         | 125       | $\checkmark$ | 7.89      | $\checkmark$ | 8.57      | $\checkmark$ | 28.94     |
| K07150  | 70         | 150       | $\checkmark$ | 10.24     | $\checkmark$ | 11.67     | $\checkmark$ | 31.90     |
| K07190  | 70         | 190       | $\checkmark$ | 13.81     | $\checkmark$ |              |              |              | 15.19     |              |           |
| K24190  | 240        | 190       |              |           | $\checkmark$ |              |              |              | 14.09     |              |           |

**SM** K07

#### SKK – Adjustable Fascia Bracket

- Locks in place at 7, 14, 18, 22, 27, 38 or 45° angle for use on angled fascia boards
- Recommended 600 mm spacing, should be installed to create fall of 10 mm per 3 m run
- Flexible clips hold the gutter securely in place





|         |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   | O  | Copper    |
|---------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----|-----------|
| Product | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| SKK100  | 100       | ©Ex          | 5.13      | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 5.65      |    |           |
| SKK125  | 125       | ©Ex          | 5.34      | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 5.87      |    |           |
| SKK150  | 150       | $\checkmark$ | 5.45      | $\checkmark$ | 6.00      |    |           |

•

AG KFL

## **Rafter Brackets**

#### KFM/KFL – Rafter Bracket

- Solid 5 mm steel bracket with 4 fixing holes, used to secure gutters to roof rafters
- Recommended 600 mm spacing, should be installed to create fall of 10 mm per 3 m run
- Can be bent to required angle using KBO bracket bender or supplied bent or twisted to suit for an additional charge of £2 per bracket

|         |            |           |     | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |    | Copper    |
|---------|------------|-----------|-----|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----|-----------|
| Product | Length (m) | Size (mm) | MG  | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| KFM125  | 150        | 125       |     |           | $\checkmark$ | 7.46      |    |           |
| KFM150  | 150        | 150       |     |           | $\checkmark$ | 7.94      |    |           |
| KFL100  | 200        | 100       | ©Ex | 7.05      | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 7.44      |    |           |
| KFL125  | 200        | 125       | ©Ex | 7.36      | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 7.74      |    |           |
| KFL150  | 200        | 150       | ©Ex | 7.94      | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 8.35      |    |           |

| K18/K2  | 1/K33 -                                | Flex-Fit   | Raft         | er Brac    | ket          |              |              |              |              |              |              |              |              |              |              |              |              |           |              |           |
|---------|--|------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| to hold | mm steel<br>the gutter<br>ire to roof  | in place a |              |            |              |              |              |              | 1            |              |              |              |              |              |              |              |              |           |              |           |
|         | mended 6<br>d to create                |            | ~            |            |              |              |              |              | •            |              |              |              |              |              |              |              |              |           |              |           |
| bracket | bent to re<br>bender or<br>an addition | supplied   | bent         | or twisted |              |              | MG           | K18          |              |              |              |              |              | AG           | K33          |              | J            |           |              |           |
|         |  |            |              | Magestic   |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
| Product | Length (m)                             | Size (mm)  | MG           | Price (£)  | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| K18100  | 180                                    | 100        | $\checkmark$ | 7.75       | $\checkmark$ |              |              |              | 8.19      | $\checkmark$ | 30.73     |
| K18125  | 180                                    | 125        | $\checkmark$ | 8.10       | $\checkmark$ | 8.54      | $\checkmark$ | 37.54     |
| K18150  | 180                                    | 150        | $\checkmark$ | 8.41       | $\checkmark$ | 8.88      | $\checkmark$ | 41.00     |
| K21125  | 210                                    | 125        | ©Ex          | 8.41       | $\checkmark$ | 8.88      | $\checkmark$ | 40.96     |
| K21150  | 210                                    | 150        | ©Ex          | 9.19       | $\checkmark$ | 9.67      | $\checkmark$ | 44.44     |
| K33150  | 330                                    | 150        | $\checkmark$ | 12.95      | $\checkmark$ | 13.62     |              |           |
| K33190  | 330                                    | 190        | $\checkmark$ | 12.82      | $\checkmark$ |              |              |              | 14.09     |              |           |

Images for illustrative purposes only. Further details of the colour range can be found on page 8

Visit our website for the latest product updates: **www.lindabprofile.co.uk** 





## Half Round Gutters & Fittings

| <ul> <li>KRT- Side-Fix</li> <li>Bent to 38 deg<br/>side-fixing to ra</li> <li>Recommended<br/>installed to cre</li> <li>Flexible clips h</li> </ul> | grees and tw<br>afters<br>d 600 mm sp<br>ate fall of 10 | visted<br>pacing<br>mm | for easy<br>g, should<br>per 3 m r | run    |         |     |     | SM  |              |              | r.           |              | A            |     |     |     | •         |              |
|---|---|------------------------|------------------------------------|--------|---------|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|--------------|
|   | 0   |                        | Magestic                           |        |         |     |     | •   | $\bigcirc$   |              |              |              |              |     |     |     | Painted   | Copper       |
| Product   | Size (mm)   | MG                     | Price (£)                          | SM     | AM      | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU Price (£) |
| KRT125  | 125   | ©Ex                    | 8.53                               | ©Ex    | ©Ex     | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 8.84      |              |
| KRT150  | 150   | ©Ex                    | 8.72                               | ©Ex    | ©Ex     | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 9.12      |              |
| Rise & F<br>RFKF - Rise &<br>• 300 mm solid s<br>• Recommended  | Fall Brack  | <b>ket</b><br>or driv  | ve-in fixinq                       |        |         | d   |     |     |              |              |              |              |              |     | 5   |     |           |              |
| to create fall of   |   |                        |                                    | of our | ttou lo | l   |     | MG  |              |              |              |              | AG           |     |     |     |           |              |
| • 250 mm thread   | ieu dar allov   | vs adj                 | Magestic                           |        |         |     |     |     | $\bigcirc$   |              |              |              |              |     |     |     | Painted   | Copper       |
| Product   | Size (mm)   | MG                     | Price (£)                          | SM     | AM      | AG  | DG  | вк  | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN |           | CU Price (£) |
| RFKF100   | x ,   |                        |                                    |        |         |     |     |     |              | ✓            | √            | ~            | √            |     |     |     | 21.79     |              |
| RFKF125   | 125   | ©Ex                    |                                    |        |         |     |     |     |              | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 23.71     |              |
| RFKF150   |   |                        |                                    |        |         |     |     |     |              |              |              |              |              |     |     |     |           |              |

# **Building Information Modelling**

Lindab can offer collaborative support for architects and specifiers by providing Building Information Modelling components for our rainwater systems.

The comprehensive file package includes gutter systems and downpipe systems with complete specification information. Components in 2D and 3D have support on item level, 46 different gutter types and accessory families from the gutter down to the foot of the pipe can be used to correctly build up a system and add parameters to the Revit schedule.

The BIM objects are designed for use with Autodesk Revit 2016.



## Radius Gutter Brackets

#### **RSKR – Radius Gutter Bracket**

- Combined gutter joint and fascia bracket used for fixing gutter sections to fit a curved roofline
- 4° alignment deviation tolerance at each joint
- Built-in EPDM rubber gasket, doesn't require sealant



|         |           |    | Magestic  |     |     |     |     | 0   | $\bigcirc$   |              |              |              |              |     |     |     | Painted   | 0  | Copper    |
|---------|-----------|----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|----|-----------|
| Product | Size (mm) | MG | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU | Price (£) |
| RSKR125 | 125       |    |           | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 12.72     |    |           |

| <ul><li>OSK/OS</li><li>Used to</li><li>Can be hooks of</li></ul>  | er Ac<br><b>SKR – Ov</b><br>easily retro<br>over gutter<br>for straight | erflow<br>utter over<br>o-fitted to<br>bead to | Prot<br>flow a<br>exist<br>secur | ector<br>at high flor<br>ting syster<br>re | n,           |              |              | h            | M            | OSK          | KR           |              | 1            |              |              | AG           | OSK          |           |    |           |
|---|---|--|----------------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----|-----------|
|   |   |  |                                  | Magestic                                   |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |    | Copper    |
| Product   | Туре  | Size (mm)                                      | MG                               | Price (£)                                  | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| OSKR125   | 5 Straight  | 125  | $\checkmark$                     | 41.39                                      | $\checkmark$ | 41.58     |    |           |
| OSKR150   | Straight  | 150  | $\checkmark$                     | 43.29                                      | $\checkmark$ | 45.60     |    |           |
| OSK   | Corner  |  | $\checkmark$                     | 41.39                                      | $\checkmark$ | 41.58     |    |           |
| OSKR150 Straight150 $\checkmark$ 43.29 $\checkmark$ <t< td=""><td></td></t<> |   |  |                                  |  |              |              |              |              |              |              |              |              |              |              |              |              |              |           |    |           |
|   |   |  |                                  | Magestic                                   |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |    | Copper    |
| Product   |   |  | MG                               | Price (£)                                  | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| STAG  |   |  | ✓                                | 4.03                                       | ✓            | √            | ✓            | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | √            | ✓            | ✓            |              |              |              | 4.16      |    |           |



## **Rectangular** Gutters & Fittings

### Gutters

#### RTRA – Rectangular Gutter

- 0.6 mm steel box gutter with roll-formed bead stiffened front
- Can be joined using RTSK gutter joint or roll joint method

| <ul> <li>Supplied</li> </ul> | d in 3 m le | engths as | stan | dard      |     |     |     |     |     |              |              |              |              |              |     |     |     |           |              |           |
|------------------------------|-------------|-----------|------|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|--------------|-----------|
|                              |             |           |      | Magestic  |     |     |     |     |     | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |              | Copper    |
| Product                      | Length (m)  | Size (mm) | MG   | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU           | Price (£) |
| RTRA3140                     | 3           | 140       | ©Ex  | 75.67     | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 86.47     | $\checkmark$ | 272.22    |

SM

AG

### Gutter Joints

#### **RTSK – Rectangular Gutter Joint**

- Used to join gutters or gutter angles
- Designed with click and lock mechanism for easy installation
- Built-in EPDM rubber gasket, doesn't require sealant or screws

|         |           |     | Magestic  | :   |     |     |     |     | $\bigcirc$   |              |              |              |              |     |     |     | Painted   | 0  | Copper    |
|---------|-----------|-----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|----|-----------|
| Product | Size (mm) | MG  | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU | Price (£) |
| RTSK140 | 140       | ©Ex | 18.43     | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 18.43     |    |           |

## Stop Ends

#### RTGV/RTGH - Rectangular Stop End

- Required for each end of a gutter run, RTGV for left and RTGH for right hand
- Sits inside gutter end, fitted using roll joint method
- It is recommended that sealant is used





|         |      |           |     | Magestic  |     |     |     |     |     | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |              | Copper    |
|---------|------|-----------|-----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|--------------|-----------|
| Product | Туре | Size (mm) | MG  | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU           | Price (£) |
| RTGV140 | LH   | 140       | ©Ex | 18.33     | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 20.15     | $\checkmark$ | 63.43     |
| RTGH140 | RH   | 140       | ©Ex | 18.33     | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 20.15     | $\checkmark$ | 63.43     |

AG

### **Gutter Angles**

#### **RTVI – Internal Rectangular Gutter Angle**

- Required for roof features such as recesses or extensions, require 2 RTSK gutter joints
- Universal for left and right hand, available to fit 90° corners or other angles on request
- Angles may be pressed or fabricated, finish may vary

|          |       |           |     | Magestic  |     |     |     |     |     | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |    | Copper    |
|----------|-------|-----------|-----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|----|-----------|
| Product  | Angle | Size (mm) | MG  | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU | Price (£) |
| RTVIS140 | 90°   | 140       | ©Ex | 90.99     | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 104.41    |    |           |

SM

#### **RTVY – External Rectangular Gutter Angle**

- Required to continue gutter line around a corner, require 2 RTSK gutter joints
- Universal for left and right hand, available to fit 90° corners or other angles on request
- Angles may be pressed or fabricated, finish may vary

|          |       |           |     | Magestic  | -   |     |     |     |     | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |    | Copper    |
|----------|-------|-----------|-----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|----|-----------|
| Product  | Angle | Size (mm) | MG  | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU | Price (£) |
| RTVYS140 | 90°   | 140       | ©Ex | 90.99     | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 104.41    |    |           |

SM

## Gutter Outlets

#### **RTOK – Rectangular Gutter Outlet**

- Can be positioned at any point along the gutter to connect to a downpipe
- Requires hole to be created in the gutter
- Uses flex-fit flaps to secure





|          |             |           |     | Magestic  |     |     |              |     |     | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |              | Copper    |
|----------|-------------|-----------|-----|-----------|-----|-----|--------------|-----|-----|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|--------------|-----------|
| Product  | Outlet (mm) | Size (mm) | MG  | Price (£) | SM  | AM  | AG           | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU           | Price (£) |
| RTOKA140 | 75          | 140       | ©Ex | 45.28     | ©Ex | ©Ex | ©Ex          | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 47.53     | $\checkmark$ | 149.62    |
| RTOKB140 | 87          | 140       | ©Ex | 45.28     | ©Ex | ©Ex | ©Ex          | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 47.53     | ~            | 149.62    |
| RTOKC140 | 100         | 140       | ©Ex | 45.28     | ©Ex | ©Ex | ©Ex          | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 47.53     | $\checkmark$ | 149.62    |
| RTOKD140 | 120         | 140       |     |           |     |     | $\checkmark$ |     |     | $\checkmark$ |              | $\checkmark$ |              |              |     |     |     | 47.53     |              |           |



## **Rectangular** Gutters & Fittings

## Fascia Brackets

#### RTK07 – Rectangular Flex-Fit Fascia Bracket

- Uses flexible clips to hold the gutter in place
- Recommended 600 mm spacing, should be installed to create fall of 10 mm per 3 m run
- 70 mm bracket with 2 fixing holes

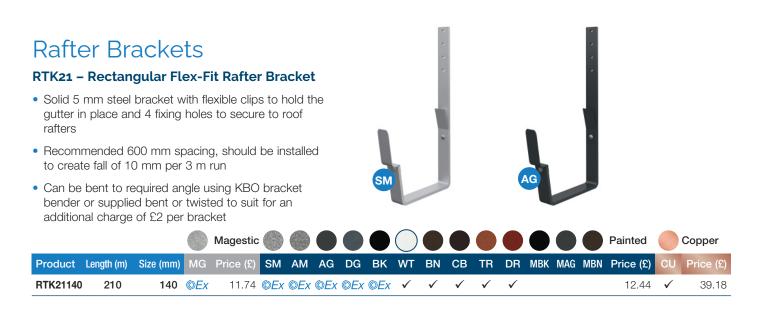


|          |            |           |     | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |              | Copper    |
|----------|------------|-----------|-----|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|--------------|-----------|
| Product  | Length (m) | Size (mm) | MG  | Price (£) | SM           | AM           | AG           | DG           | BK           | WТ           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU           | Price (£) |
| RTK07140 | 70         | 140       | ©Ex | 10.13     | $\checkmark$ |     |     |     | 10.22     | $\checkmark$ | 32.21     |

#### RTKFK – Rectangular Fascia Bracket

- Solid 5 mm steel bracket used to secure gutters to fascia boards
- Recommended 600 mm spacing, should be installed to create fall of 10 mm per 3 m run
- Standard screw hole and oval hole designed to allow precise adjustments

|          |            |           |    | Magestic  |     |     |     |     |     | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |              | Copper    |
|----------|------------|-----------|----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|--------------|-----------|
| Product  | Length (m) | Size (mm) | MG | Price (£) | SM  | AM  | AG  | DG  | BK  | WΤ           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU           | Price (£) |
| RTKFK140 | 70         | 140       |    |           | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 10.22     | $\checkmark$ | 32.21     |



## Pipes & Fittings

### **Pipes**

#### SROR – Downpipe

- Roll-formed 0.6 mm steel with solid seam, 0.7 mm steel for 120 mm pipes
- Hidden male/female joint, sockets are not required
- Supplied in 3 m lengths as standard



|           |            |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
|-----------|------------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product   | Length (m) | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| SROR375   | 3          | 75        | ©Ex          | 45.86     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 53.36     | $\checkmark$ | 206.93    |
| SROR387   | 3          | 87        | ©Ex          | 53.49     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 57.90     | $\checkmark$ | 235.20    |
| SR0R3100  | 3          | 100       | ©Ex          | 58.70     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 69.39     | $\checkmark$ | 262.70    |
| SR0R3120  | 3          | 120       | $\checkmark$ | 78.91     | $\checkmark$ |              |              |              | 89.19     | $\checkmark$ | 309.49    |
| SR0R2575  | 2.5        | 75        | $\checkmark$ | 42.79     | $\checkmark$ |              |              |              | 50.81     | $\checkmark$ | 159.92    |
| SR0R2587  | 2.5        | 87        | $\checkmark$ | 49.13     | $\checkmark$ | 55.14     | $\checkmark$ | 173.58    |
| SR0R25100 | 2.5        | 100       | $\checkmark$ | 50.81     | $\checkmark$ | 66.09     | $\checkmark$ | 208.04    |
| SR0R25120 | 2.5        | 120       | $\checkmark$ | 68.32     | $\checkmark$ |              |              |              | 84.95     |              |           |
| SROR175   | 1          | 75        | $\checkmark$ | 37.73     | $\checkmark$ |              |              |              | 47.79     | $\checkmark$ | 158.48    |
| SROR187   | 1          | 87        | $\checkmark$ | 46.85     | $\checkmark$ | 51.88     | $\checkmark$ | 191.54    |
| SROR1100  | 1          | 100       | $\checkmark$ | 47.50     | $\checkmark$ | 62.15     | $\checkmark$ | 210.34    |
| SR0R1120  | 1          | 120       | $\checkmark$ | 62.28     | $\checkmark$ |              |              |              | 79.91     | ~            | 245.74    |

#### MST – Intermediate Pipe

- Typically used to make an offset with >200 mm projection
- 1 m option supplied with double spigot male ends, 0.5 m option supplied with male/female ends
- Can be cut to make two shorter pipes

| • Can be | cut to ma  | ake two sh | orter        | pipes     |              |              |              |              | MG           |              |              |              |              | ł            | G            |              |              |           |              |           |
|----------|------------|------------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
|          |            |            |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
| Product  | Length (m) | Size (mm)  | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| MST175   | 1          | 75         | ©Ex          | 18.58     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 20.96     |              |           |
| MST187   | 1          | 87         | ©Ex          | 21.48     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 22.52     |              |           |
| MST1100  | 1          | 100        | ©Ex          | 23.67     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 26.73     | $\checkmark$ | 130.48    |
| MST1120  | 1          | 120        | $\checkmark$ | 31.65     | $\checkmark$ |              |              |              | 35.42     |              |           |
| MST0575  | 0.5        | 75         | ©Ex          | 17.68     | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | ©Ex          | $\checkmark$ | $\checkmark$ |              | $\checkmark$ | $\checkmark$ |              |              |              | 19.94     |              |           |
| MST0587  | 0.5        | 87         | $\checkmark$ | 20.41     | $\checkmark$ |              | $\checkmark$ | $\checkmark$ |              |              |              | 21.41     |              |           |

P



## **Pipes** & Fittings

#### MSTRA – Rod Access Pipe

- · Provides access for maintenance rod to enable pipe blockages to be cleared
- Supplied with double spigot male ends, second spigot can be cut off if not required
- · Access door is unpainted galvanised steel with coloured plastic handles



|          |            |           |     | Magestic  |     |     |     |     |     | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
|----------|------------|-----------|-----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product  | Length (m) | Size (mm) | MG  | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| MSTRA75  | 1          | 75        | ©Ex | 104.63    | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 110.14    | $\checkmark$ | 346.69    |
| MSTRA87  | 1          | 87        | ©Ex | 105.58    | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | 111.11    | ~            | 349.80    |
| MSTRA100 | 1          | 100       | ©Ex | 113.59    | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | 119.58    | $\checkmark$ | 363.86    |

#### **PRT – Sliding Pipe**

- · Fits around the outside of the pipe, easily slides up for access
- Used with an RT Drain Trap
- · Provides access for maintenance rod to enable pipe blockages to be cleared

| 11 |    |
|----|----|
| MG | AG |

|         |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |    | Copper    |
|---------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----|-----------|
| Product | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| PRT75   | 75        | $\checkmark$ | 15.89     | $\checkmark$ |              | $\checkmark$ | $\checkmark$ |              |              |              | 17.79     |    |           |
| PRT87   | 87        | $\checkmark$ | 16.49     | $\checkmark$ | 18.79     |    |           |
| PRT100  | 100       | $\checkmark$ | 18.78     | $\checkmark$ |              | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | 20.50     |    |           |

## **Specification and Project Estimation**

The Lindab Profile Systems team can assist with specification generation and quote estimation. A take-off service is available for creating bill of material lists from architectural drawings.

### To find out more about technical support services contact: 0121 585 2788



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## **Pipe Brackets**

#### SSVU – Universal Pipe Bracket

- Allows screw-to-wall pipe fixing or can be used with SST spike for drive-in fixing
- Recommended maximum 1.5 m spacing
- Easy click function secures pipe in place



|         |           |     | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |    | Copper    |
|---------|-----------|-----|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----|-----------|
| Product | Size (mm) | MG  | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| SSVU75  | 75        | ©Ex | 5.43      | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 5.54      |    |           |
| SSVU87  | 87        | ©Ex | 5.81      | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 6.15      |    |           |
| SSVU100 | 100       | ©Ex | 6.08      | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 6.64      |    |           |
| SSVU120 | 120       |     |           | $\checkmark$ |              |              |              | 7.44      |    |           |

#### SVHA – Screw-to-Wall Pipe Bracket

- Allow screw-to-wall pipe fixing
- Recommended maximum 1.5 m spacing
- Wedge is used to secure pipe in place
- Snip off fixing arms and use with SST spike for drive-in fixing



|         |           |              | Magestic  |    |    |    |    |    | $\bigcirc$ |    |    |    |    |     |     |     | Painted   | 0            | Copper    |
|---------|-----------|--------------|-----------|----|----|----|----|----|------------|----|----|----|----|-----|-----|-----|-----------|--------------|-----------|
| Product | Size (mm) | MG           | Price (£) | SM | AM | AG | DG | BK | WT         | BN | СВ | TR | DR | MBK | MAG | MBN | Price (£) | CU           | Price (£) |
| SVHA75  | 75        |              |           |    |    |    |    |    |            |    |    |    |    |     |     |     |           | $\checkmark$ | 18.67     |
| SVHA87  | 87        |              |           |    |    |    |    |    |            |    |    |    |    |     |     |     |           | $\checkmark$ | 19.40     |
| SVHA100 | 100       |              |           |    |    |    |    |    |            |    |    |    |    |     |     |     |           | $\checkmark$ | 21.41     |
| SVHA120 | 120       | $\checkmark$ | 6.75      |    |    |    |    |    |            |    |    |    |    |     |     |     |           | $\checkmark$ | 24.72     |



## Pipes & Fittings

### Hoppers

#### VATKR - Regular Water Hopper

- Used at the head of a pipe that doesn't directly connect to a gutter
- Rectangular front with square sides, 250 x 150 x 150 mm
- Hoppers may be pressed or fabricated, finish may vary



|          |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   | O  | Copper    |
|----------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----|-----------|
| Product  | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| VATKR75  | 75        | ©Ex          | 86.80     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 95.48     |    |           |
| VATKR87  | 87        | ©Ex          | 86.80     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 95.48     |    |           |
| VATKR100 | 100       | ©Ex          | 86.80     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 95.48     |    |           |
| VATKR120 | 120       | $\checkmark$ | 86.80     | $\checkmark$ |              |              |              | 95.48     |    |           |

#### VATKL – Large Water Hopper

- Used at the head of a pipe that doesn't directly connect to a gutter
- Square top with inverted pyramid sides, 250 x 250 x 250-355 mm
- Hoppers may be pressed or fabricated, finish may vary





DG

|          |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |    | Copper    |
|----------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|----|-----------|
| Product  | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WТ           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU | Price (£) |
| VATKL75  | 75        | ©Ex          | 105.02    | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 117.98    |    |           |
| VATKL87  | 87        | ©Ex          | 105.02    | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 117.98    |    |           |
| VATKL100 | 100       | ©Ex          | 105.02    | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 117.98    |    |           |
| VATKL120 | 120       | $\checkmark$ | 105.02    | $\checkmark$ |     |     |     | 117.98    |    |           |

#### VATKS - Half Round Water Hopper

- Used at the head of a pipe that doesn't directly connect to a gutter
- Cone shape with flat back, 300 x 200 x 300-320 mm
- Hoppers may be pressed or fabricated, finish may vary

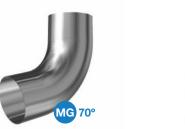
|          |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |     |     |     | Painted   |    | Copper    |
|----------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|----|-----------|
| Product  | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) | CU | Price (£) |
| VATKS75  | 75        | $\checkmark$ | 120.77    | $\checkmark$ |     |     |     | 135.68    |    |           |
| VATKS87  | 87        | $\checkmark$ | 120.77    | $\checkmark$ |     |     |     | 135.68    |    |           |
| VATKS100 | 100       | $\checkmark$ | 120.77    | $\checkmark$ |     |     |     | 135.68    |    |           |

SM

### Bends

#### **BK - Conical Pipe Bend**

- Conical design provides clean line while allowing male/female connection
- Available in 45, 70 and 85° variations
- Top fits outlets or male spigot ends of pipes, bottom fits into pipes





|         |       |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   | O            | Copper    |
|---------|-------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product | Angle | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| BK7075  | 70°   | 75        | ©Ex          | 16.15     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 17.83     | $\checkmark$ | 43.20     |
| BK7087  | 70°   | 87        | ©Ex          | 16.82     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 18.43     | ~            | 50.11     |
| BK70100 | 70°   | 100       | ©Ex          | 18.70     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 20.15     | $\checkmark$ | 53.42     |
| BK70120 | 70°   | 120       | $\checkmark$ | 26.48     | $\checkmark$ |              |              |              | 27.26     | ~            | 62.52     |
| BK4575  | 45°   | 75        |              |           | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 34.75     |              |           |
| BK4587  | 45°   | 87        |              |           | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 36.24     |              |           |
| BK45100 | 45°   | 100       |              |           | $\checkmark$ | 37.74     |              |           |
| BK8575  | 85°   | 75        |              | ·         | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 26.85     |              |           |
| BK8587  | 85°   | 87        |              |           | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 27.80     |              |           |
| BK85100 | 85°   | 100       |              |           | $\checkmark$ | 30.25     |              |           |

#### **BKM/BM – Pipe Bend with Socket**

- Traditional socket design allows male/female connection
- Available in 45, 70 and 85° variations
- Top fits cut end of standard pipes, bottom fits directly into pipes
- 70° BM bends will be phased out and replaced with new BKM bends with more streamlined design



|          |       |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   | 0            | Copper    |
|----------|-------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product  | Angle | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WΤ           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| BKM7075  | 70°   | 75        | ©Ex          | 16.15     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 17.83     | $\checkmark$ | 43.20     |
| BKM7087  | 70°   | 87        | ©Ex          | 16.82     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 18.43     | $\checkmark$ | 50.11     |
| BKM70100 | 70°   | 100       | ©Ex          | 18.70     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 20.15     | $\checkmark$ | 53.42     |
| BKM70120 | 70°   | 120       | $\checkmark$ | 26.48     | $\checkmark$ |              |              |              | 27.26     | $\checkmark$ | 62.52     |
| BM4575   | 45°   | 75        |              |           | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 34.75     |              |           |
| BM4587   | 45°   | 87        |              |           | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 36.24     |              |           |
| BM45100  | 45°   | 100       |              |           | $\checkmark$ | 37.74     |              |           |
| BM8575   | 85°   | 75        |              |           | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 26.85     |              |           |
| BM8587   | 85°   | 87        |              |           | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 27.80     |              |           |
| BM85100  | 85°   | 100       |              |           | $\checkmark$ | 30.25     |              |           |



## **Pipes** & Fittings

#### SOKN - One-Piece Offset Bend

- Used to offset a pipe stack usually to join a gutter outlet or to traverse a plinth
- Set 100 mm projection
- Longer offsets can be assembled using bends and cut down pipes

|         |           |     | Magestic  |     |     |     |     |     | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |    | Copper    |
|---------|-----------|-----|-----------|-----|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----|-----------|
| Product | Size (mm) | MG  | Price (£) | SM  | AM  | AG  | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| SOKN75  | 75        | ©Ex | 50.88     | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 55.59     |    |           |
| SOKN87  | 87        | ©Ex | 51.57     | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | 59.16     |    |           |
| SOKN100 | 100       | ©Ex | 62.50     | ©Ex | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | 64.39     |    |           |

### Shoes

#### **UTK – Pipe Shoe**

- Angled pipe shoe used to discharge water into a drain or grate
- Socket fits directly to pipe
- Roll

| <ul> <li>Rolled rim en</li> </ul> | sures no shar | p edg        | jes       |              |              |              |              |              |              |              |              |              |              |              |              |              |           |              |           |
|-----------------------------------|---------------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
|                                   |               |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
| Product                           | Size (mm)     | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| UTK75                             | 75            | ©Ex          | 18.16     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 20.44     | $\checkmark$ | 51.85     |
| UTK87                             | 87            | ©Ex          | 18.86     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 21.07     | $\checkmark$ | 60.65     |
| UTK100                            | 100           | ©Ex          | 21.68     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 24.09     | $\checkmark$ | 69.20     |
| UTK120                            | 120           | $\checkmark$ | 39.01     | $\checkmark$ |              |              |              | 41.07     | $\checkmark$ | 97.46     |

#### **BUTK - Drain Shoe**

- Used to connect a pipe directly to a ground drain pipe
- Designed larger than the downpipe so that it can be lifted easily to provide maintenance access
- Fitted with drain cover to sit over the drain pipe



|         |           |              | Magestic  |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
|---------|-----------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Product | Size (mm) | MG           | Price (£) | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| BUTK75  | 75        | ©Ex          | 19.99     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ |              | $\checkmark$ | $\checkmark$ |              |              |              | 22.51     | $\checkmark$ | 115.64    |
| BUTK87  | 87        | ©Ex          | 20.76     | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | 23.18     | $\checkmark$ | 139.04    |
| BUTK100 | 100       | ©Ex          | 23.83     | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | ©Ex          | $\checkmark$ | 26.48     | $\checkmark$ | 166.40    |
| BUTK120 | 120       | $\checkmark$ | 42.93     | $\checkmark$ |              |              | $\checkmark$ |              |              |              | 45.18     |              |           |

| RT – Drain Trap (H                              | D Polythe    | ene)           |           |       |     |     |              |              |              |              |              |              |              |              |           |              |           |
|---|--------------|----------------|-----------|-------|-----|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|-----------|
| Used to prevent leaventering the drain          | es and oth   | er potential   | blockage  | €S    |     |     |              |              |              | tille -      |              |              |              |              | A des     |              |           |
| Connects to 100 mn                              | n drain pipe | <u>)</u>       |           |       |     |     |              |              |              |              | -            |              |              |              |           |              |           |
| Best used with PRT                              | sliding pipe | to allow ea    | sy cleani | ing   |     |     |              | 2            |              |              |              |              |              | A            |           | Γ            |           |
|   |              | Magestic       |           |       |     |     | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
| Product Siz                                     | ze (mm) MG   | - 1            | SM AM     | AG    | DG  | BK  | WT           | BN           | СВ           | TR           |              | MRK          | MAG          |              | Price (£) |              | Price (£) |
| RT  | 100          |                | )Ex ©Ex   |       |     |     | √ I          |              | √            | ····<br>✓    | JN<br>√      | WIDK         | MAG          | WIDIN        | 19.00     | 00           |           |
|   |              |                |           |       |     |     |              |              |              |              |              |              |              |              |           |              |           |
| SLS – Self Cleanin                              | g Leaf Tr    | ap (HD Po      | lythen    | e)    |     |     |              |              |              |              |              |              |              |              |           |              |           |
| Used to filter leaves     from entering the dra |              | ootential bloo | ckages    |       |     |     |              |              |              |              |              |              |              |              |           |              |           |
| Angled design allows                            | s rainwater  | to clean the   | filter    |       |     |     |              |              |              |              |              |              |              |              |           |              |           |
| Connects to 100 mn<br>BUTK Drain Shoe to        |              |                |           |       |     |     |              |              | SM           |              |              |              |              | 4            | G         |              |           |
|   |              | Magestic (     |           |       |     |     | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
| Product Siz                                     | ze (mm) MG   | Price (£)      | SM AM     | AG    | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| SLS100  | 100          | ¢              | ©Ex ©Ex   | ©Ex   | ©Ex | ©Ex | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 32.04     |              |           |
|   |              |                |           |       |     |     |              |              |              |              |              |              |              |              |           |              |           |
| Connector                                       | S            |                |           |       |     |     |              |              |              | L)           |              |              |              |              |           |              |           |
| GROR - Pipe Brand                               | ch           |                |           |       |     |     |              |              |              | Ш            |              |              |              |              | 1         |              |           |
| Used to merge a sec                             | cond pipe r  | un into a pip  | e stack   |       |     |     |              |              |              | 1            | 1            |              |              |              |           |              |           |
| <ul> <li>Designed to allow pipeling</li> </ul>  | pe to be po  | sitioned bet   | ween 50   | ) and | 80° |     |              |              | МС           | $\leq$       |              |              |              |              | AG        |              |           |
| Standard branch will                            | connect ea   | qual pipe dia  | ameters   |       |     |     |              |              |              |              |              |              |              |              |           |              |           |
|   |              | Magestic       |           |       |     |     | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |              | Copper    |
| Product Siz                                     | ze (mm) MG   | Price (£)      | SM AM     | AG    | DG  | BK  | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU           | Price (£) |
| GROR75  | 75 ©Ex       | 64.02 🤇        | ©Ex ©Ex   | ©Ex   | ©Ex | ©Ex | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 67.64     | $\checkmark$ | 129.66    |
| GROR87  | 87 ©Ex       | 69.74 🤇        | ©Ex ©Ex   | ©Ex   | ©Ex | ©Ex | $\checkmark$ | 79.61     | $\checkmark$ | 142.19    |
| GROR100   | 100 ©Ex      |                | ©Ex ©Ex   | ©Ex   | ©Ex | ©Ex | $\checkmark$ | ~            | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | ~            | 82.94     | ~            | 158.70    |
| GROR120   | 120 🗸        | 86.47          |           |       |     |     |              |              |              |              |              |              |              |              |           |              |           |



Product

SRORM75

SRORM87

SRORM100

SRORM120

## **Pipes** & Fittings

#### **SRORM – Pipe Connector**

• Used to connect two pipes if the male spigot has been removed

75 ©Ex

87 ©Ex

100 ©Ex

 $\checkmark$ 

120

Magestic

Size (mm) MG Price (£) SM AM AG DG BK

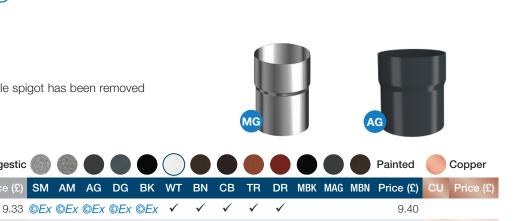
15.46 🗸

9.53 OEX OEX OEX OEX

12.85 **©***Ex* **©***Ex* **©***Ex* **©***Ex* **©***Ex* 

 $\checkmark$  $\checkmark$  $\checkmark$ 

- Allows pipe offcuts to be used
- Provides male/female connection



1

9.67

13.85

17.80

|  | <b>T – Drain Connector (HD Polythene)</b><br>sed to directly connect to a ground drain pipe |        |             |              |              |     |              |              |              |              |              |              |              |     | Ì   |               |              |
|--|---|--------|-------------|--------------|--------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----|-----|---------------|--------------|
| <ul> <li>Stepped designation</li> </ul>          | gn fits to multi  | iple s | izes        |              |              |     |              |              |              |              |              |              |              | H   |     |               |              |
| • Fits up to 100                                 | ) mm down pi  | pes a  | and drain   | pipes        | 6            |     |              |              |              |              |              | SM           |              | 7   |     | AG            | D            |
|  |   |        | Magestic    |              |              |     |              |              | $\bigcirc$   |              |              |              |              |     |     | Painted       | Copper       |
| Product  |   | MG     | Price (£)   | SM           | AM           | AG  | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN Price (£) | CU Price (£) |
| MRT  |   |        |             | ©Ex          | ©Ex          | ©Ex | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     | 5.37          |              |
| SLAS – Hose<br>• Connects pip<br>• Fits to 80 mm | e directly to a   |        | 9           |              |              |     |              |              |              |              |              | SM           |              | -   |     | DG            |              |
| Can be attack                                    | hed to the bot  | tom    | of a pipe : | stack        |              |     |              |              |              |              |              |              | _            | 1   |     |               | -            |
|  |   |        | Magestic    |              |              |     |              |              | $\bigcirc$   |              |              |              |              |     |     | Painted       | Copper       |
| Product  | Size (mm)   | MG     | Price (£)   | SM           | AM           | AG  | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN Price (£) | CU Price (£) |
| SLAS87   | 87  |        |             | $\checkmark$ | $\checkmark$ |     | $\checkmark$ |     |     | 23.12         |              |

 $\checkmark$ 

√

√

 $\checkmark$ 

Visit our website for the latest product updates: www.lindabprofile.co.uk



### **Diverters**

#### **FU1**

- Er
- OI
- Fit

| FUTK – Adju        | FUTK – Adjustable Diverter |              |            |              |              |              |              |              |              |              |              |              |              |              |              |              |           |    |           |
|--------------------|----------------------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|----|-----------|
| Enabled wate       | er collection in           | a wa         | ter butt o | r coll       | ectior       | n syst       | em           |              |              |              |              |              | L            |              |              |              |           |    |           |
| Outlet spot m      | nanually opens             | s and        | closes     |              |              |              |              |              |              |              |              | MG           |              |              |              | (            | AG        |    |           |
| • Fits directly in | n pipe stack               |              |            |              |              |              |              |              |              |              |              |              |              |              |              |              |           |    |           |
|                    |                            |              | Magestic   |              |              |              |              |              | $\bigcirc$   |              |              |              |              |              |              |              | Painted   |    | Copper    |
| Product            | Size (mm)                  | MG           | Price (£)  | SM           | AM           | AG           | DG           | BK           | WT           | BN           | СВ           | TR           | DR           | MBK          | MAG          | MBN          | Price (£) | CU | Price (£) |
| FUTK75             | 75                         | ©Ex          | 56.43      | ©Ex          | ©Ex          | ©Ex          | ©Ex          | ©Ex          | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |              |              |              | 62.47     |    |           |
| FUTK87             | 87                         | ©Ex          | 58.16      | $\checkmark$ | 65.76     |    |           |
| FUTK100            | 100                        | $\checkmark$ | 63.48      | $\checkmark$ | 73.49     |    |           |

#### **RWDK – Rainwater Diverter Kit**

- Plastic components which can be fitted into a pipe stack to divert water
- Flexible hose to discharge into water butt or collection system
- Fits to 75 mm or 87 mm pipes

|         |           | E   | Black     | '            | White     |
|---------|-----------|-----|-----------|--------------|-----------|
| Product | Size (mm) | BK  | Price (£) | WT           | Price (£) |
| RWDK    | 75/87     | ©Ex | 60.79     | $\checkmark$ | 60.79     |



## **Lindab Information Gateway**

The Information Gateway is a web portal to simplify specification of Lindab building products by providing access to a suite of software and tools for CAD and BIM design.

We recognise the increasing demands on building designers and for some time we have been developing the portal to be easier to use and much more mobilefriendly to support the demands of a modern working environment.

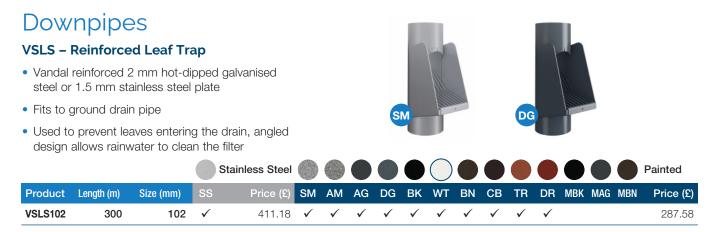


Visit informationgateway.lindab.com now to begin accessing the improved portal.

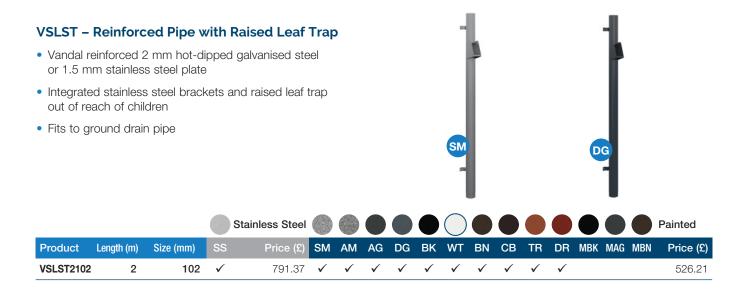


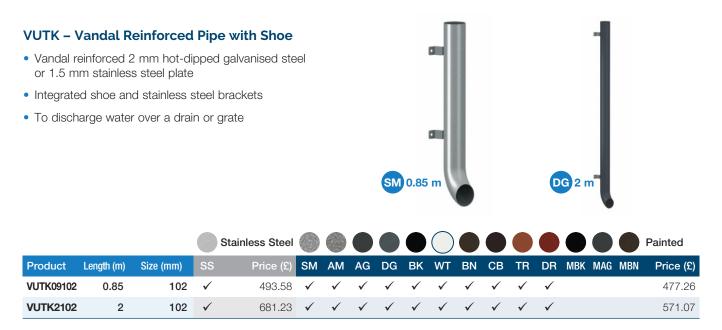


## Vandal Reinforced Pipes











## Accessories

#### LSTIFT/BFARG - Touch Up Paint

- Use during installation or maintenance
- Drill holes, cut edges or scratches should be touched up
- Supplied in 12 ml bottle with applicator brush or 250 ml tin

| brush or 250 ml tin |           |     |     |     |     |              |              |              |              |              |              |     |     |     |           |
|---------------------|-----------|-----|-----|-----|-----|--------------|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----------|
|                     |           |     |     |     |     |              | $\bigcirc$   |              |              |              |              |     |     |     | Paint     |
| Product             | Size (ml) | SM  | AM  | AG  | DG  | BK           | WT           | BN           | СВ           | TR           | DR           | MBK | MAG | MBN | Price (£) |
| LSTIFT12            | 12        | ©Ex | ©Ex | ©Ex | ©Ex | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |     |     |     | 23.47     |
| BFARG250            | 250       | ©Ex | ©Ex |     | ©Ex | ©Ex          | $\checkmark$ | $\checkmark$ |              | $\checkmark$ | $\checkmark$ |     |     |     | 58.05     |

#### LGB – Leafline Gutter Brush

- Stainless steel wire core with polypropylene bristles, sits in gutter to catch leaves
- Supplied in 3 m lengths
- No fastenings are required

|         |            |           | E   | Black     | 0   | paque     |
|---------|------------|-----------|-----|-----------|-----|-----------|
| Product | Length (m) | Size (mm) | BK  | Price (£) | OQ  | Price (£) |
| LGB100  | 3          | 100       | ©Ex | 23.06     | ©Ex | 23.06     |
| LGB125  | 3          | 125       | ©Ex | 27.06     | ©Ex | 27.06     |
| LGB150  | 3          | 150       | ©Ex | 30.10     | ©Ex | 30.10     |



BFARG

#### **DVSIL – Leaf Filter**

- Used to filter leaves and other potential blockages from the drain pipe
- Sits inside drain pipe, suspended by hooks
- Stainless steel, usually used with BUTK Drain Shoe to simplify cleaning

| Product | Size (mm)       | Price (£) |
|---------|-----------------|-----------|
| DVSIL   | 100 © <i>Ex</i> | 47.69     |

#### SST - Spike (for Pipe Holder)

- Used with pipe holder to fix pipe to the wall
- Spike is ordered separately, supplied unpainted, may be painted with touch up paint once installed
- When the pipe holder is closed the spike locks into place

| Product | Length (m) |     | Price (£) |
|---------|------------|-----|-----------|
| SST125  | 125        | ©Ex | 4.95      |
| SST175  | 175        | ©Ex | 5.89      |
| SST250  | 250        | ©Ex | 7.50      |
| SST300  | 300        | ©Ex | 8.35      |



#### SSC – Fastener Set with Spacer

- Fixing screw for SSVU to wood, concrete or light concrete
- Screw supplied with plastic wall plug and spacers

| Product | Distance from wall (mm) | Price (£) |       |  |
|---------|-------------------------|-----------|-------|--|
| SSC25   | 25                      | ©Ex       | 14.26 |  |
| SSC55   | 55                      | ©Ex       | 18.33 |  |
| SSC85   | 85                      | ©Ex       | 22.22 |  |
| SSC115  | 115                     | ©Ex       | 25.65 |  |

#### **FS – Fixing Screws**

- Supplied in pack of 200
- 4.8 mm pozi head 25 mm threaded screws

| Product | Quantity | Size (mm) |     | Price (£) |
|---------|----------|-----------|-----|-----------|
| FS25    | 200      | 25x4.8    | ©Ex | 10.81     |

#### KBO – Bracket Bender

- Used to bend rafter brackets to the required angle
- Brackets can be supplied bent or twisted to suit for an additional charge of £2 per bracket

| Product |     | Price (£) |
|---------|-----|-----------|
| КВО     | ©Ex | 174.16    |

#### VP300- Roofing Underlay

- Medium weight vapour permeable roofing underlay
- Supplied in 1.5 m x 50 m roll

| Product | Size (m) |     | Price (£) |
|---------|----------|-----|-----------|
| VP300   | 1.5 x 50 | ©Ex | 126.48    |





# Simplifying the science – size guide

It is important that the sizes of gutters and pipes used in a rainwater system are selected with consideration of the size of the roof and the position of downpipes in order to ensure that typical rainfall does not cause the system to overflow.

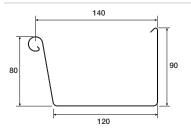
All gutter systems in the UK should be designed to BS EN 12056-3:2000 Gravity drainage systems inside buildings. Roof drainage, layout and calculation (AMD 17041), 2000.

Rainline gutters are available in two shapes and five sizes. Half Round: 100mm, 125mm, 150mm, 190mm and Rectangular 140mm. Downpipes are available in four sizes: 75mm, 87mm, 100mm and 120mm.

#### Half round gutters (R)

| D | Size (mm) | D (mm) | d (mm) |
|---|-----------|--------|--------|
|   | 100       | 107    | 17     |
|   | 125       | 123    | 17     |
|   | 150       | 155    | 17     |
|   | 190       | 192    | 22     |

#### **Rectangular gutters (RTRA)**



#### **Downpipes (SROR)**

|      | Size (mm) | Di (mm) |
|------|-----------|---------|
|      | 75        | 75      |
| - Di | 87        | 87      |
|      | 100       | 100     |
|      | 120       | 120     |
|      |           |         |

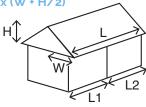
### Roof area

BS EN 12056-3:2000 requires that wind driven rain is taken into account when considering the effective catchment area. The standard assumes that rain falls at an angle of 2 units vertical to 1 unit horizontal which means that half the vertical height of any surface must be taken into account in calculations.

For a typical roof surface this means that the effective area is calculated from:

#### Effective area, AE (m2) = $L \times (W + H/2)$

Where: L= Roof length (m) W= Eaves to ridge width (m) H= Eaves to ridge height (m)



## Flow capacities

In order to select the appropriate gutter and pipe size combination it is necessary to understand the flow rate required and the flow capacity of the system. The presence of corners in the gutter reduces the capacity, where this is applicable a 15% reduction should be assumed for calculations.

Flow rate is calculated from: Flow rate (litres/second)

= Effective area x rainfall intensity

### Pipe position

The position of the pipe has a significant effect on the flow capacity of a rainwater system.

A gutter ratio can be used in conjunction with the effective roof area to account for the required adjustment in system flow rate.

For a typical gutter run up to a maximum of 10m the ratio of gutter lengths is calculated from:

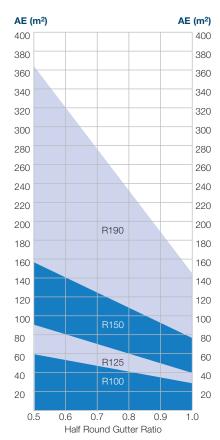
Gutter Ratio = L1 / (L1 +L2)

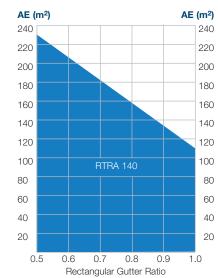
Where: L1 ≥ L2

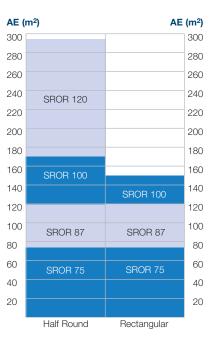
## Selecting gutter size

There is no standard rate of rainfall in the UK so for accurate calculations refer to an approved weather authority to get a site-specific rainfall level. Our technical department can assist with calculations for your project locations.

The charts below allow effective area and gutter ratio to be used to choose the correct gutter and pipe size. A 1 year storm calculation is measured at up to 0.022 litres per second per square metre and up to 0.036 litres per second per square metre for a 5 year storm calculation as recommended by British Standards. For gutter runs longer than 10m contact us for further advice.







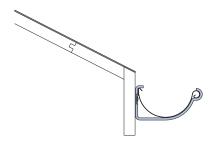


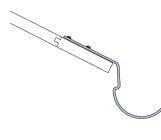
## Understanding brackets

Roof construction type, stage of build and preferred method of installation can influence the type of bracket chosen for a project. The main bracket types are fascia brackets and rafter brackets.

#### Fascia bracket

Fascia brackets fix to a fascia board or directly to the wall of a building. Vertical fascia boards are most common in the UK however adjustable fascia brackets are available for use on angled fascia boards.





#### Rafter bracket

Rafter brackets are fixed directly to the roof rafters, typically on buildings with overhanging roof structures or with particularly uneven wall surfaces. Rafter bars can be twisted to enable side fixing where access to the top of the rafter is limited.

Rafter bars should be bent to the required angle based on the pitch of the roof, a KBO bracket bender can be used. Rafters can be twisted or bent for a charge of £2 per bracket.

#### Number of brackets

Brackets should be installed at 600mm centres. End brackets should be installed 100mm from roof edge.

To calculate how many brackets are required use the following formula:

No. of brackets = (L ÷ 0.6) +1 Where: L = length of run in metres

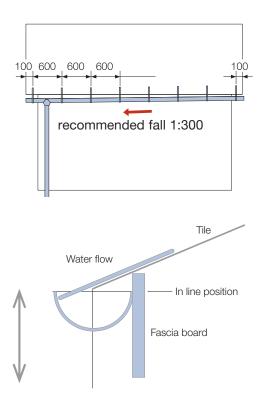
#### **Bracket installation**

Gutters should be installed so that the gutter falls towards the outlet dropping by 10mm over every 3m length, (a fall of 1:300). A single run should not exceed 10m.

In order to achieve the required slope install the lowest bracket first (next to the outlet) and then the highest bracket (at the opposite end of the gutter run). Pull a string between the two brackets, the string indicates the level that the other brackets should be fixed.

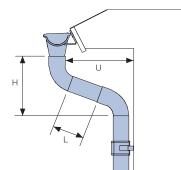
Where multiple downpipes are positioned along one gutter run the gutter should be installed with a high point between the pipes and sloping towards each outlet.

The front lip of the highest bracket should not be installed higher than the position horizontally in line with the roof edge. In areas with heavy snowfall the highest bracket should be installed lower. Rectangular gutter installation follows the same principles as half round gutter installation.



## Creating offsets

The roofline of a building, where the gutter is fitted, is commonly positioned away from the walls of the building. An offset arrangement is used to connect the outlet to a downpipe stack.



The measurement U is the projection of the offset. An SOKN one-piece offset is available with a fixed projection of 100mm.

For larger projections an offset can be created using pipe bends and a length of SROR pipe or an MST intermediate pipe cut down to the required length.

The table can be used to indicate the length of the pipe required to make the offset.

Bends at an angle of 70° are typically used to create offsets, 85°/90° bends may be preferred for very long projections however flow capacity will be reduced.

A BK conical bend should be used at the top of the offset. If the pipe used has a spigot bottom a BK conical bend should also be used at the bottom of the offset. If the pipe used does not have a spigot bottom a BM or BKM pipe bend with socket should be used at the bottom.

| Intermediate pipe length at 70° bends |         |         |  |
|---------------------------------------|---------|---------|--|
| U<br>mm                               | H<br>mm | L<br>mm |  |
| 220                                   | 275     | 0       |  |
| 270                                   | 290     | 100     |  |
| 300                                   | 300     | 135     |  |
| 350                                   | 320     | 185     |  |
| 400                                   | 340     | 240     |  |
| 450                                   | 355     | 290     |  |
| 500                                   | 375     | 345     |  |
| 550                                   | 395     | 400     |  |
| 600                                   | 410     | 455     |  |
| 650                                   | 430     | 505     |  |
| 700                                   | 450     | 580     |  |
| 750                                   | 465     | 610     |  |
| 800                                   | 485     | 665     |  |
| 850                                   | 505     | 720     |  |
| 900                                   | 520     | 770     |  |
| 950                                   | 540     | 825     |  |
| 1000                                  | 555     | 880     |  |
| 1050                                  | 575     | 930     |  |
| 1100                                  | 595     | 985     |  |
| 1150                                  | 610     | 1040    |  |
| 1200                                  | 630     | 1090    |  |

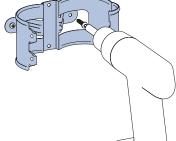
#### **Pipe bracket installation**

Pipe brackets should be installed at 1.5m centres. The highest pipe bracket should be installed 150mm from the offset or hopper head at the top of the pipe stack. A spirit level or plummet line can be used to align the other brackets.

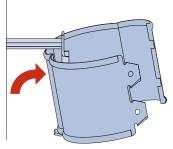
Pipe brackets are typically installed using screw-to-wall fixing or drive-in fixing. Choice can be influenced by the construction type of the building, installer preferences or regional conventions.

Rainline SSVU universal pipe brackets can be installed using either fixing method and have a neat click lock mechanism. Unpainted Rainline systems use SVHA brackets have an easy to use wedge lock mechanism. For drive-in fixing, the fixing arms should be snipped off for the SST drive in spike to be used. Drive in spikes should be ordered separately.

### Screw-to-wall fixing









Your customers place their home and property in your hands. They believe in your craftsmanship and expertise. They put their trust in you. This means that you, quite rightly, demand high standards from the products you use. We have created building components from light gauge metal for over 60 years. When you choose Lindab steel roofing you also secure a partner that will understand you and your business. Whether you require coils for a standing seam roof or pre-formed click seam roof profiles and flashings, we have a comprehensive range of colours and finishes of high quality material that has been designed to be easy to work with. With our design and specification support and reliable distribution you'll be able to safeguard your customers' peace of mind and provide a result that delivers on your promise.



# We simplify design

Imagine if we could help you shorten your design and installation phase, minimise the risks and create better design solutions. We know your time is costly. So to help you develop optimal, reliable solutions in the shortest possible time, we want to give you what you need: a large range of intelligent and rational software that makes your work easier, for example within calculation, specifying and CAD/BIM. Our software packages are the most complete packages available on the market within lightweight construction.



## **Information Gateway**

To simplify specification of Lindab building products, Information Gateway provides access to a suite of software and tools for CAD and BIM design. Lindab recognise the increasing demands on building designers and have developed the portal to be easy to use and mobile-friendly to support the demands of a modern working environment.

In addition to CAD add-ons, Revit extensions, Eurocode based design software and calculators, the recently updated version of Information Gateway also supports multiple languages and allows you to keep up to date with news and releases.

## **BIM objects**

Lindab has many product categories available as BIM objects, and they are under constant development. Today you can find BIM objects for roof drainage, roof profiles, roof safety and standing seam roofing.



## For more information, go to informationgateway.lindab.com

## **RIBA Approved CPD Scheme**

Continuous Professional Development enables architects to achieve better outcomes and better businesses. CPD also helps you to face current and future challenges as well as learn new skills and specialisms.

Lindab are proud providers of a RIBA approved CPD programme examining options for rainwater drainage.



Steel Rainwater Systems: the Contemporary and Sustainable Solution

To book a CPD seminar, email cpd@lindab.co.uk



## Simplifying specification

A general guidance framework for a specification for Lindab rainwater systems is provided below, content should be selected as appropriate to the project.

For a size specific NBS specification visit www.ribaproductselector.com/lindab, for further project specification advice contact profile@lindab.co.uk

## R10 Rainwater drainage systems

#### GENERAL

- Gravity rainwater drainage system
- Design to BS EN 12056-3:2000 Gravity drainage systems inside buildings. Roof drainage, layout and calculation (AMD 17041), 2000.
- Gutters, pipes and fittings to BS EN 612:2005: Eaves gutters with bead stiffened fronts and rainwater pipes with seamed joints made of metal sheet

#### MANUFACTURER

Lindab Ltd Tel: 0121 585 2780 Email: profile@lindab.co.uk

#### PRODUCT SPECIFICATION (GUTTERS AND FITTINGS)

#### 332 CONTINUOUSLY HOT DIP COATED STEEL GUTTERS/ 335 GALVANISED STEEL GUTTERS/ 330 COPPER GUTTERS

| Product reference: | Rainline coated steel/ Rainline natural copper/ Magestic galvanised steel gutter system  |
|--------------------|--|
| Profile:           | R Half Round/ RTRA Rectangular   |
| Size:              | 100mm/ 125mm / 150mm/ 190mm/ 140mm   |
| Outlet size:       | 75mm/ 87mm/ 100mm/ 120mm   |
| Grade:             | 0.6mm steel/ 0.6mm copper  |
| Finish:            | 045 Silver Metallic/ 044 Anthracite Metallic/ 015 Black/ 001 Antique White/ 087 Dark Grey/<br>434 Brown/ 742 Tile Red/ 758 Dark Red/ 387 Coffee Brown/ 035 Anthracite Grey/<br>015M Matte Black/ 035M Matte Anthracite Grey/ 434M Matte Brown/ Unpainted Magestic<br>Galvanised/ Natural Copper  |
| FITTINGS           |  |
| Joints:            | RSK gutter joint/ RTSK rectangular gutter joint/ roll joint method /As drawing / Contractor's choice   |
| Stop ends:         | Not required/ RG Self-locking stop end/ RGV Left hand stop end/ RGH Right hand stop end/ RGU Universal stop end/ RTGV Left hand rectangular stop end/ RTGH Right hand rectangular stop end/ As drawing / Contractor's choice   |
| Angles:            | Not required/ RVI Internal 90° gutter angle/ RVI Internal 135° gutter angle/ RVY External 90° gutter angle/ RVY External 135° gutter angle/ RTVI Internal rectangular 90° gutter angle/ RTVI Internal rectangular 135° gutter angle/ RTVY External rectangular 90° gutter angle/ RTVY External rectangular 135° gutter angle/ As drawing / Contractor's choice |

| Outlets:                                   | OMV Gutter outlet/ OK Gutter outlet /RTOK Rectangular Outlet/ As drawing / Contractor's choice   |  |
|--|--|--|
| Brackets:                                  | KFK Fascia bracket/ K24 240mm Flex-fit fascia bracket/ K07 70mm Flex-fit fascia bracket/<br>SKK Adjustable fascia bracket/ KFM 150mm Rafter bracket/ KFL 200mm Rafter bracket/<br>K18 180mm Flex-fit rafter bracket/ K21 210mm Flex-fit rafter bracket/ K33 330mm Flex-fit<br>rafter bracket/ KRT Side-fix rafter bracket/ RFKF Rise and fall bracket/ RSKR radius gutter<br>bracket/ RTK07 Rectangular 70mm flex-fit fascia bracket/ RTKFK Rectangular fascia<br>bracket/ RTK21 Rectangular 210mm rafter bracket/ As drawing/ Contractor's choice |  |
| Overflow protectors:                       | Not required/ OSKR Straight overflow protector/ OSK Corner overflow protector/<br>As drawing / Contractor's choice   |  |
| Stay straps:                               | Not required/ STAG stay strap/ As drawing / Contractor's choice  |  |
| Accessories:                               | Not required/ LGB Leafline gutter brush  |  |
| PRODUCT SPECIFICATION (PIPES AND FITTINGS) |  |  |
|  | EL PIPEWORK – PRESSED/ 370 GALVANISED STEEL PIPEWORK/<br>PEWORK/ 390 COPPER PIPEWORK   |  |
| Product reference:                         | Rainline coated steel/ Rainline natural copper/ Magestic galvanised steel gutter system  |  |
| Profile:                                   | SROR Round/ VANDAL Reinforced Round  |  |
| Size:                                      | 75mm/ 87mm/ 100mm/ 120mm/ 102mm  |  |
| Grade:                                     | 0.6mm steel/ 0.7mm steel (120mm only)/ 2.0mm (102mm only)/ 1.5mm stainless steel (102mm only)/ 0.6mm copper  |  |
| Finish:                                    | 045 Silver Metallic/ 044 Anthracite Metallic/ 015 Black/ 001 Antique White/ 087 Dark Grey/<br>434 Brown/ 742 Tile Red/ 758 Dark Red/ 387 Coffee Brown/ 035 Anthracite Grey/ 015M<br>Matte Black/ 035M Matte Anthracite Grey/ 434M Matte Brown/ Unpainted Magestic<br>Galvanised/ Natural Copper/ Stainless Steel   |  |
| Joints:                                    | Male/ female jointing  |  |
| FITTINGS                                   |  |  |
| Bends:                                     | Not required/ BK 70° Conical pipe bend/ BK 45° Conical pipe bend/ BK 85° Conical pipe bend/ BKM 70° Pipe bend with socket/ BM 45° Pipe bend with socket/ BM 85° Pipe bend with socket/ As drawing / Contractor's choice  |  |
| Offsets:                                   | Not required/ SOKN One-piece offset/ Created using bends and intermediate pipe/<br>As drawing/ Contractor's choice   |  |
| Intermediate pipe:                         | Not required/ MST Intermediate pipe 1m/ MST Intermediate pipe 0.5m/ As drawing / Contractor's choice   |  |
| Access pipe:                               | Not required/ MSTRA Rod access pipe 1m/ PRT Sliding pipe/ As drawing / Contractor's choice   |  |
| Branches:                                  | Not required/ GROR Pipe branch/ GROR Unequal pipe branch/ As drawing/<br>Contractor's choice   |  |
| Connector:                                 | Not required /SRORM Pipe connector/ SLAS Hose Connector/ MRT Drain connector<br>(HD Polythene)/ As drawing/ Contractor's choice  |  |



| Shoes:            | Not required/ UTK Pipe shoe/ BUTK Drain shoe/ As drawing/ Contractor's choice  |
|-------------------|--|
| Hoppers:          | Not required/ VATKR Regular water hopper/ VATKL Large water hopper/<br>VATKS Half round water hopper/ As drawing/ Contractor's choice  |
| Diverter:         | Not required/ FUTK Adjustable diverter/ RWDK Rainwater diverter kit (HD Polythene)/<br>As drawing / Contractor's choice  |
| Brackets:         | Not required/ SSVU Universal Pipe Bracket/ SVHA Downpipe bracket/ SST Spike (for pipe holder)/ As drawing/Contractor's choice  |
| Reinforced pipes: | Not required/ VSLS Reinforced leaf trap/ VSLS09 Reinforced Pipe with leaf trap 0.85m/<br>VUTK09 Reinforced pipe with show 0.85m/ VSLS2 Reinforced pipe with leaf trap 2m/<br>VSLST2 Reinforced pipe with raised leaf trap 2m/ VUTK2 Reinforced pipe with show 2m/<br>As drawing /Contractor's choice |
| Accessories:      | Not required/ DVSIL Leaf filter (stainless steel)/ RT Drain Trap (HD Polythene)/ SLS Self-cleaning leaf trap (HD Polythene)  |

## Recommendations

#### INSTALLATION GENERALLY:

- Install pipework/gutters to ensure the complete discharge of rainwater from the building without leaking.
- Obtain all components for each type of pipework/guttering from the same manufacturer unless specified otherwise.
- Provide access fittings and rodding eyes as necessary in convenient locations to permit adequate cleaning and testing of pipework.
- Avoid contact between dissimilar metals and other materials which would result in electrolytic corrosion.
- Do not bend plastics or galvanized steel pipes. Adequately protect pipework/gutters from damage and distortion during construction.
- Where not specified otherwise use plated, sherardised, galvanised or nonferrous fastenings, suitable for the purpose and background, and compatible with the material being fixed.

#### FIXING AND JOINTING:

- Fix gutters securely at maximum 600mm centres and at all joints in gutters, with additional brackets near angles and outlets.
- Ensure that roofing underlay is dressed into gutter.
- Ensure that outlets are securely fixed before connecting pipework. To cut the hole for the outlet a hack saw or metal cutting hole saw should be used. Use a hammer on the edges to create a drip edge.
- Fix pipes securely at maximum 1.5m centres plumb and/or true to line. Fix every length of pipe at or close below the coupling.
- Make changes in direction of pipe runs only where shown on drawings unless otherwise approved.
- Fix branches and low gradient sections with uniform and adequate falls to drain efficiently. Provide additional supports as necessary to support junctions and changes in direction.
- Fix externally socketed pipes/fittings with sockets facing upstream.
- Provide a load bearing support for vertical pipes at not less than every storey level. Tighten fixings as the work proceeds so that every storey is self-supporting and undue weight is not imposed on fixings at the base of the pipe.
- Cut ends of pipes to be clean and square with burrs and swarf removed. Ensure that jointing surfaces are clean immediately before assembly.

#### CUTTING:

- Cut the gutters and pipes with plate shears, hacksaw or chop saw on a firm underlay on the ground.
- Never use an angle grinder. It heats the steel up and thus destroys the galvanisation. The coating may also be scorched by hot chips or filings.

#### COATED PIPEWORK/GUTTERS:

- Make sure that the roof drainage components are handled with care during transport, storage and unpacking. If not, the coating may be damaged or the pipes and gutters dented.
- Store pipes and gutters on a plane and stable surface.
- Non coated components must be unpacked and stored in a dry and ventilated place.
- Make good to coatings after cutting and any other damage or recoat.

#### ACCESS FOR TESTING AND MAINTENANCE:

- Install pipework and gutters with adequate clearance to permit testing, cleaning and maintenance.
- Position access fittings and rodding eyes so that they are not obstructed by other pipework, framing, etc.

#### **TESTING**:

- Inform the Contractor Administrator sufficiently in advance to give him a reasonable opportunity to observe tests.
- Check that all sections of installation are free from obstruction and debris before testing.
- Provide clean water, assistance and apparatus for testing as required.
- · Carry out tests as specified. After testing, locate and remedy all defects without delay and retest as instructed.
- Keep a record of all tests and provide a copy of each to the Contractor Administrator.
- To complete a gutter test- block all outlets, fill gutters to overflow level and after 5 minutes closely inspect for leakage.

#### MAINTENANCE:

- Complete maintenance on the system 1-2 times a year.
- Clean the gutter and pipes from leaves and debris. Wash with water and a mild detergent.
- Don't use a high pressure washing appliance.
- At completion, submit printed instructions recommending procedures for maintenance of the rainwater installation including full details of the recommended inspection, cleaning and repair procedures.

#### **BEFORE HANDOVER:**

- Remove construction rubbish and debris from all roofs and gutters. Where possible, sweep and remove fine dust which may enter rainwater systems. Do not sweep or flush dust or debris into the rainwater system.
- Remove swarf, debris and any temporary caps from the entire rainwater installation.
- Ensure that all access covers etc. are secured complete with all fixings.





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