NEW Extended Anthracite Grey Range Inside

Kayflow®

Rainwater, Underground & Soil Systems

soil

underground

rainwater

MADE IN BRITAIN

PRODUCT GUIDE

www.kayflow.co.uk

Kayflow®

contents

*Excludes Caramel. **For scope refer to the manufacturer.

Specification & Installation Guide for Guttering

How much water?

The gutter system must be able to drain the roof during an unusually heavy rainfall event which lasts at least two minutes.

BS12056 shows how to work out the amount of rainwater (in litres per second) that could run off a roof.

The roof area is multiplied by the amount of water running off each square metre of the roof area in litres per second.

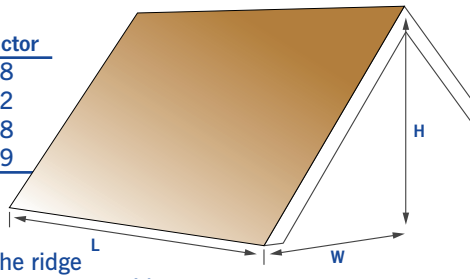
Volume of water coming off a roof = A x B where:

A = 0.021 litres per second.

B = the effective roof area, calculated as follows:

(W+H/2) x L or **L x W x Pitch factor** (see table)

Roof Pitch	Pitch Factor
10°	1.088
20°	1.182
30°	1.288
40°	1.419



W = eaves to below the ridge
H = vertical height from eaves to ridge
L = length of roof section

Which Gutter to Choose

Compare the result of the calculation (AxB) with the flow capacity of the Kayflow systems available. Please note the following:

1. Reduce flow rates of gutters with angles by 15%.
2. Gutter sections longer than 50 x the height of water when the gutter is full have a reduced flow rate.
3. Gutters are laid level - this can be up to 3mm fall per metre.
4. Centrally placed outlets drain a much larger volume of water.

Minimum Specification for Fascia brackets

Gutter Type	Normal / Sheltered Areas	Snowfall / Exposed Areas	Max distance between brackets
Round/Square	2 x 25 x 4mm	2 x 25 x 5mm	1m
Deepflow/Ogee	2 x 25 x 4mm	2 x 25 x 5mm	800mm
SuperDeep 170	2 x 25 x 4mm	3 x 32 x 6.5mm	600mm
Cast Effect	2 x 25 x 4mm	3 x 25 x 5mm	As per standard profile

(4mm = 8 gauge, 5mm = 10 gauge, 6.5mm = 12 gauge stainless steel pan head screw)

Snow Loading

In locations where heavy snowfall is common, fixing centres for gutter brackets should be reduced to 600mm for all Kayflow systems. In addition all fixing holes should be used on all brackets and the use of snowboards is recommended where appropriate.

Installation

Gutter

1. Position the running outlet accurately by holding a plumb line against the fascia directly over the drain. Mark the position on the fascia with a pencil. Fit the outlet no more than 50mm below the level of the roof tiles. Fix with 2 x 25mm x 5mm round-head stainless steel screws (don't use countersunk screws as these can be over torqued with cordless drivers and damage mouldings)
2. Fit a fascia bracket just below the top of the fascia board at one end of the run of guttering (opposite end to the outlet).
3. Tie a plumb line (string) around the base of the bracket and stretch the plumb line from the bracket along the fascia board and tie it to the outlet.
4. Check that there is a fall towards the outlet (1.350 is recommended) to encourage water to drain efficiently.
5. Mark the position of the fascia brackets, spacing them according to gutter system chosen (see table above) and no more than 150mm from any corner, union, running outlet or stopend.
6. In locations where heavy snowfall is common it is recommended that fixing centres for fascia brackets is reduced to 600mm.
7. Fix the fascia brackets with 25mm x 5mm stainless steel screws – we would recommend using all available fixing holes.
8. Starting at the outlet, fit the first length of gutter by tilting the gutter to fit under the back clip and clip in at the front edge.
9. Fit a union bracket at the other end of the first length and screw it into the fascia using all available fixing holes, then fit the next length of gutter into it. Continue joining lengths ensuring all joints line up with the "fit to here" depth marked in the fittings.
10. Cut the last section of gutter to fit using a hacksaw and fit a stopend.

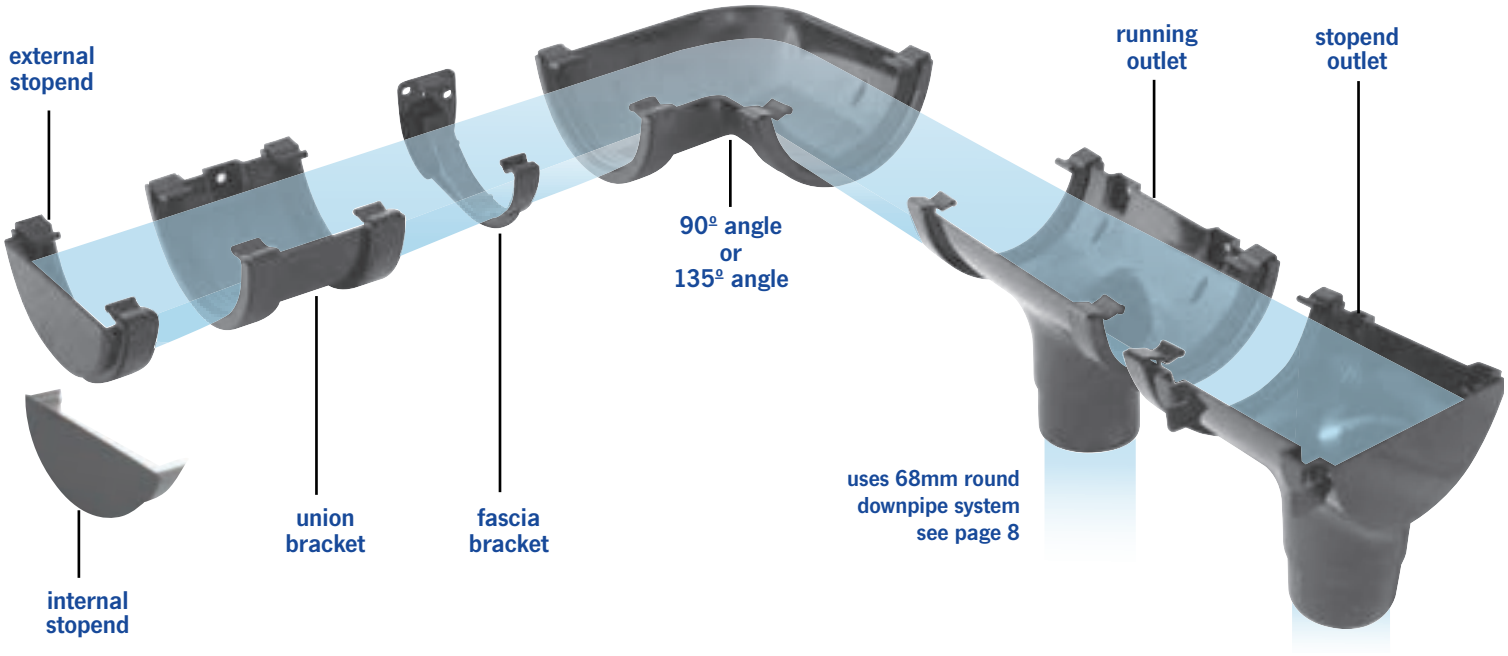
Downpipe

1. Using a plumb line, mark a vertical line on the wall from the running outlet to the drain.
2. Place an offset bend onto the base of the running outlet. Place a second offset bend on a length of downpipe and measure the section length required to join the two offset bends, cut a suitable length of downpipe – the "swan neck".
3. Hold a downpipe clip centrally over the plumb line and mark the fixing holes on the wall with a pencil. Repeat down the wall, spacing pipe clips no more than 1.8m apart.
4. Drill the fixing holes.
5. Working from the top downwards, install the downpipe. If additional lengths of downpipe are required, join using a socket and pipe clip.
6. Leave a 10mm gap between the end of the pipe and the bottom of the pipe socket to allow for expansion. Fix a pipe clip over the joint.
7. Use wall plugs suitable for the substrate and when fitting pipe clip screws to ensure that the application is secure. Fix pipe/socket clips with 2 x 32mm x 6.5mm round head stainless steel screws.
8. Where required, fit a shoe at the bottom of the downpipe so that it directs water into the drain, if required. Fix the joint with a pipe clip.

RECOMMENDED: Use lubricant/silicone spray on all gutter seals for ease of fitting and for improved in-service performance.

Kayflow®
half round gutter

Height	Width	Flow Rate	Area Drained	Down Pipe
50mm	112mm	0.9 l/s	43m²	Round (P8)



half round gutter

code	pk	colours
KFG4	6x4m	W, BL, BR, GY, AG
KFG5	6x5m	W, BL

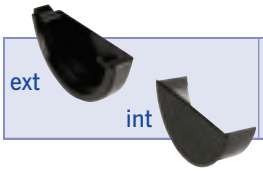
90º angle

code	pk	colours
KFA1	20	W, BL, BR, GY, AG

135º angle

code	pk	colours
KFA2	20	W, BL, BR, GY, AG

external/internal stopends



	code	pk	colours
ext	KFE1	100	W, BL, BR, GY, AG
int	KFE2	20	

fascia bracket

code	pk	colours
KFK1	100	W, BL, BR, GY, AG

union bracket

code	pk	colours
KFU1	30	W, BL, BR, GY, AG

running outlet

code	pk	colours
KFO1	20	W, BL, BR, GY, AG

stopend outlet

code	pk	colours
KFO2	20	W, BL, BR, GY

reversible gutter adaptors

	code	pk	colours
round/square	KFDS3	10	W, BL, BR
round/deep	KFD9	1	W, BL, BR

handed round/ogee gutter adaptors

	code	pk	colours
*ogee/round	OGR1	1	W, BL, BR
*round/ogee	OGR2	1	W, BL, BR

We also offer a range of different accessories; you can find out more on page 15

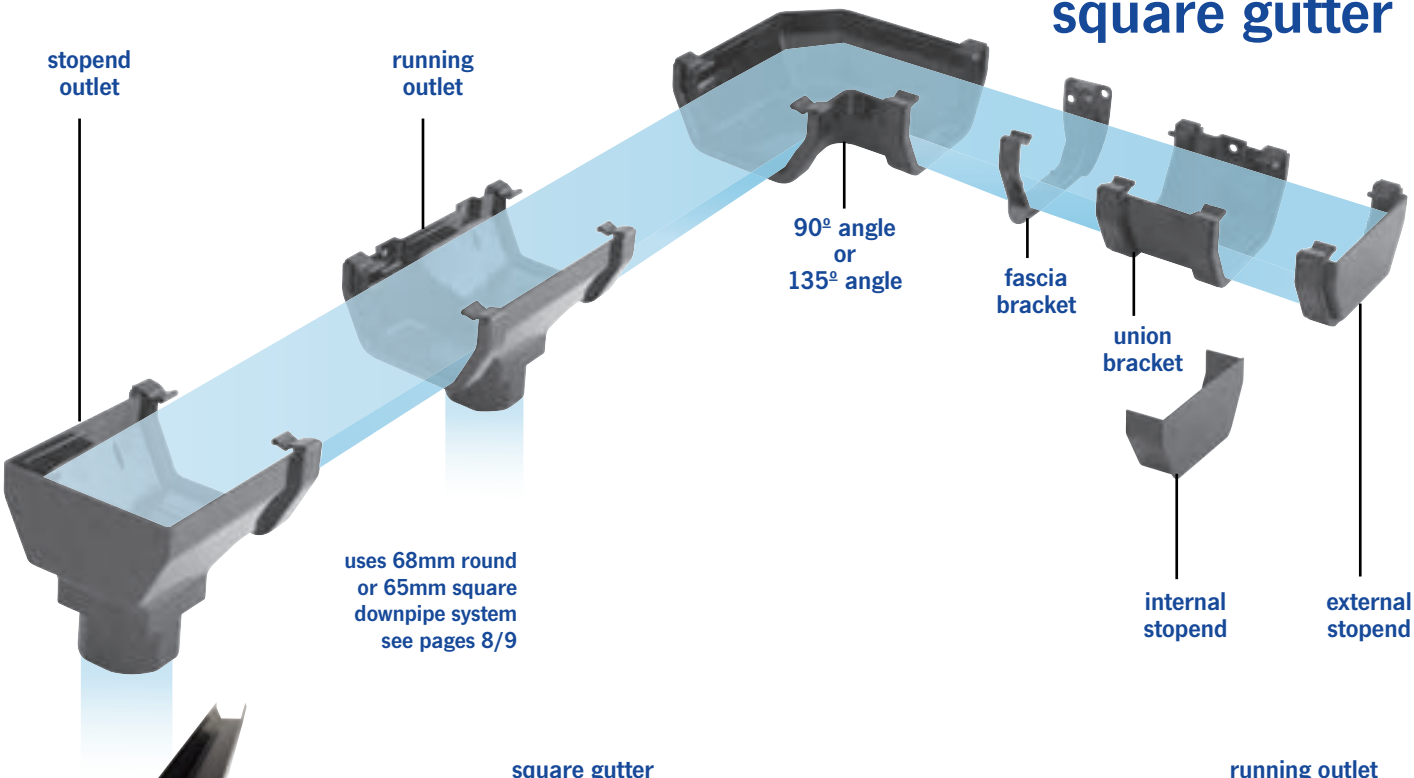
*Gutter adaptors - description denotes which side each section is on when looking at the building.

Add suffix as follows for colours: W=White ○, BL=Black ●, BR=Brown ●, C=Caramel ●, AG=Anthracite Grey (RAL 7016) ●, GY=Grey ●

Note: Please order as single items but in multiples of pack quantity only

Height	Width	Flow Rate	Area Drained	Down Pipe
57mm	117mm	1.6 l/s	76m²	Round/Square (P8/9)

Kayflow®
square gutter



square gutter

	code	pk	colours
	KFGS4	6x4m	W, BL, BR, C, AG
	KFGS5	6x5m	W, BL, BR

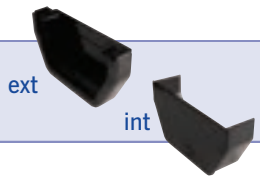
90º angle

	code	pk	colours
	KFAS1	10	W, BL, BR, C, AG

135º angle

	code	pk	colours
	KFAS2	10	W, BL, BR, C, AG

external/internal stopends



	code	pk	colours
	KFES1	100	W, BL, BR, C, AG
	KFES2	20	W, BL, BR, AG

fascia bracket

	code	pk	colours
	KFKS1	100	W, BL, BR, C, AG

union bracket

	code	pk	colours
	KFUS1	30	W, BL, BR, C, AG

running outlet

	code	pk	colours
	KFOS1	20	W, BL, BR, C, AG

stopend outlet

	code	pk	colours
	KFOS2	20	W, BL, BR, C

reversible gutter adaptors

	code	pk	colours
square/round	KFDS3	10	W, BL, BR
square/deep	KFD10	1	W, BL, BR

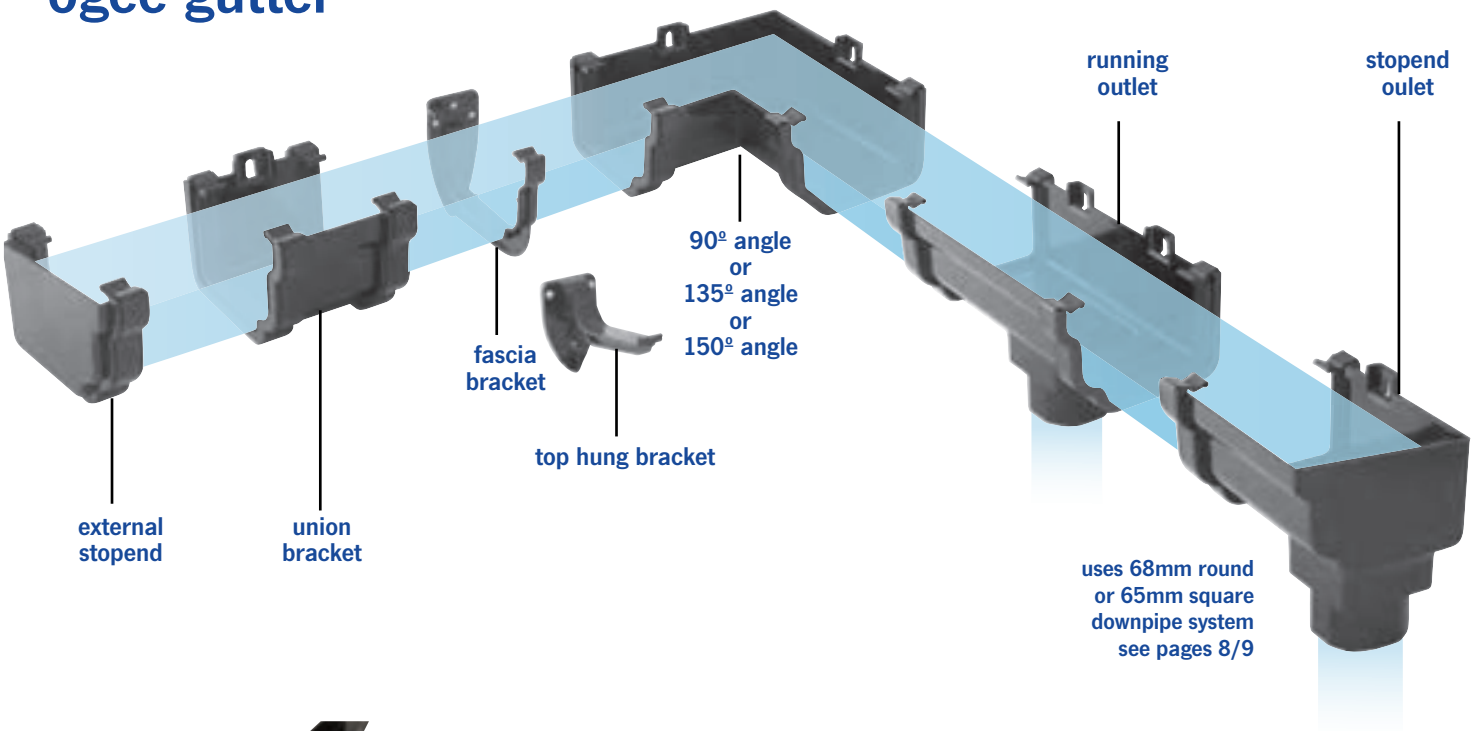
handed round/ogee gutter adaptors

	code	pk	colours
*ogee/square	OGS1	1	W, BL, BR
*square/ogee	OGS2	1	W, BL, BR

We also offer a range of different accessories; you can find out more on page 15

Kayflow®
ogee gutter

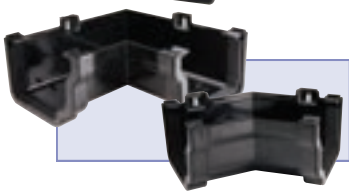
Height	Width	Flow Rate	Area Drained	Down Pipe
70mm	120mm	2.2 l/s	105m²	Round/Square (P8/9)



ogee gutter

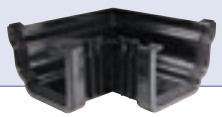
	code	pk	colours
	OGG4	4x4m	W, BL, BR, C, AG

90º & 135º internal angle



	code	pk	colours
	OGA1	10	W, BL, BR, C, AG
	OGA3	10	

90º external angle



	code	pk	colours
	OGA2	10	W, BL, BR, C, AG

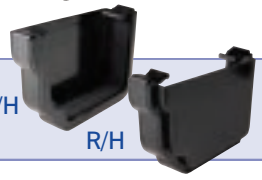
135º & 150º external angles

	code	pk	colours
135º	OGA4	10	W, BL, BR, C, AG**
150º	OGA5	4	

union bracket

	code	pk	colours
	OGU1	8	W, BL, BR, C, AG

external stopend



	code	pk	colours
L/H R/H	OGE1 (L) OGE2 (R)	10	W, BL, BR, C, AG

gutter brackets

	code	pk	colours
fascia	OGK1	100	W, BL, BR, C, AG**
top hung	OGK2	20	

running outlet

	code	pk	colours
	OGO1	10	W, BL, BR, C, AG

stopend outlets

	code	pk	colours
L/H	OGO2 (R)	10	W, BL, BR, C
R/H	OGO3 (L)	10	

handed ogee/deep gutter adaptors

	code	pk	colours
*ogee/deep	OGD1	1	W, BL, BR
*deep/ogee	OGD2	1	

handed square/ogee gutter adaptors

	code	pk	colours
*ogee/square	OGS1	1	W, BL, BR
*square/ogee	OGS2	1	

handed round/ogee gutter adaptors

	code	pk	colours
*ogee/round	OGR1	1	W, BL, BR
*round/ogee	OGR2	1	

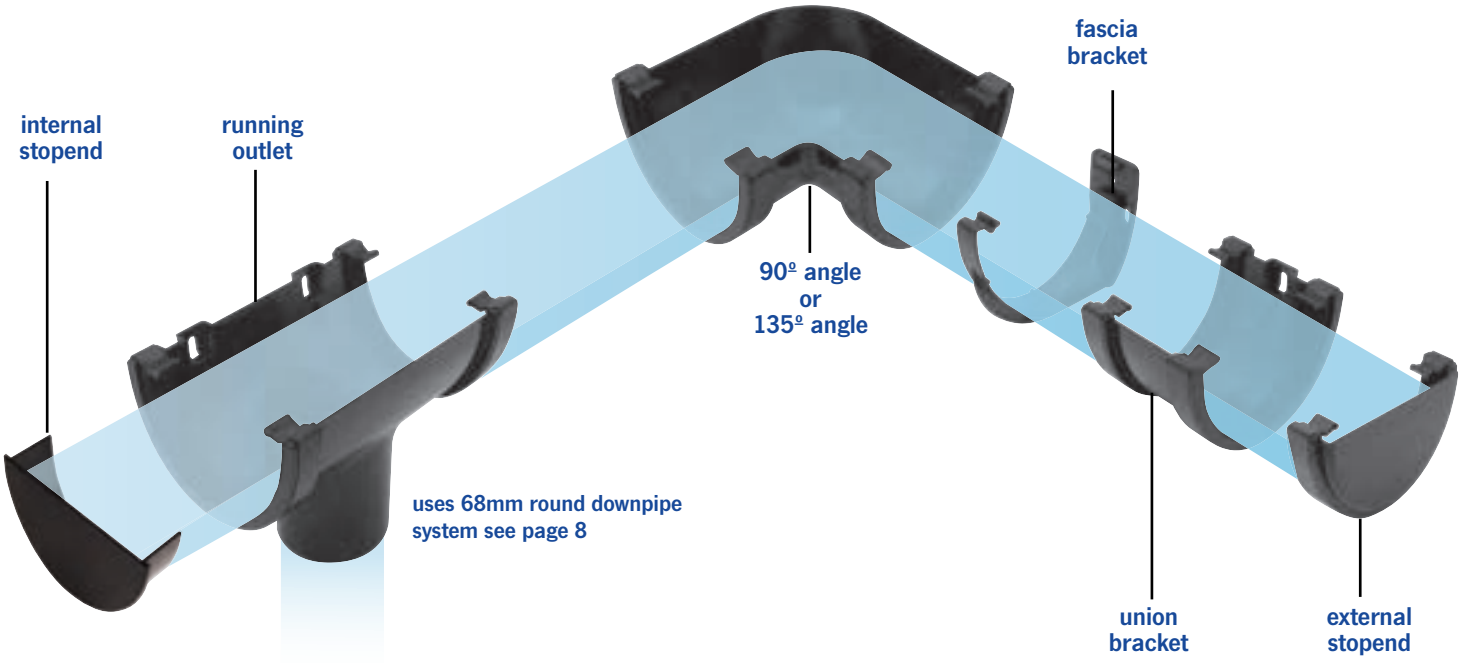
*Gutter adaptors - description denotes which side each section is on when looking at the building.
**Only applicable to OGA4 and OGK1

Add suffix as follows for colours: W=White ○, BL=Black ●, BR=Brown ●, C=Caramel ●, AG=Anthracite Grey (RAL 7016) ●, GY=Grey ●

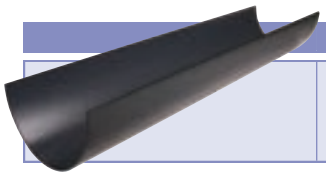
Note: Please order as single items but in multiples of pack quantity only

Height	Width	Flow Rate	Area Drained	Down Pipe
71mm	114mm	1.8 l/s	86m²	Round (P8)

Kayflow® deep gutter



deep gutter

	code	pk	colours
	KDG4	6x4m	W, BL, BR, AG

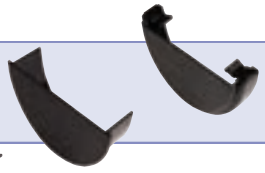
90º angle

	KDA1	4	W, BL, BR, AG

135º angle

	KDA2	4	W, BL, BR, AG

internal/external stopend

	KDE1 KDE2	10 10	W, BL, BR, AG

reversible gutter adaptors

	deep/round deep/square	KFD9 KFD10	1 1	W, BL, BR

handed ogee/deep gutter adaptors

	*ogee/deep *deep/ogee	OGD1 OGD2	1 1	W, BL, BR

fascia bracket

	code	pk	colours
	KDK1	100	W, BL, BR, AG

running outlet

	KDO1	10	W, BL, BR, AG

union bracket

	KDU1	10	W, BL, BR, AG

We also offer a range of different accessories; you can find out more on page 15

Kayflow®

round down pipe

- 68mm diameter
- use with half round, square, ogee & deep

round down pipe

	code	pk	colours
2.5m	KFP25	6	W, BL, BR, GY, AG
4m	KFP4	6	W, BL, BR, AG
5.5m	KFP55	6	W, BL, BR, GY, AG

92.5º offset bend

code	pk	colours
KFB1	20	W, BL, BR, GY, AG

112.5º offset bend

code	pk	colours
KFB2	30	W, BL, BR, GY, AG

shoe

code	pk	colours
KFB3	30	W, BL, BR, GY, AG

pipe clip

code	pk	colours
KFC1	100	W, BL, BR, GY, AG

concealed fixing pipe clip

code	pk	colours
OGC3	10	W, BL, BR

square/round hopper

code	pk	colours
KFHS1	10	W, BL, BR, C, GY, AG

pipe socket

code	pk	colours
KFS1	20	W, BL, BR, GY, AG

112.5º branch

code	pk	colours
KFY1	10	W, BL, BR, GY, AG

square/round down pipe adaptor

code	pk	colours
KFDS2	10	W, BL, BR, C

round access pipe

code	pk	colours
KFAP	1	W, BL, BR

We also offer a range of different accessories; you can find out more on page 15

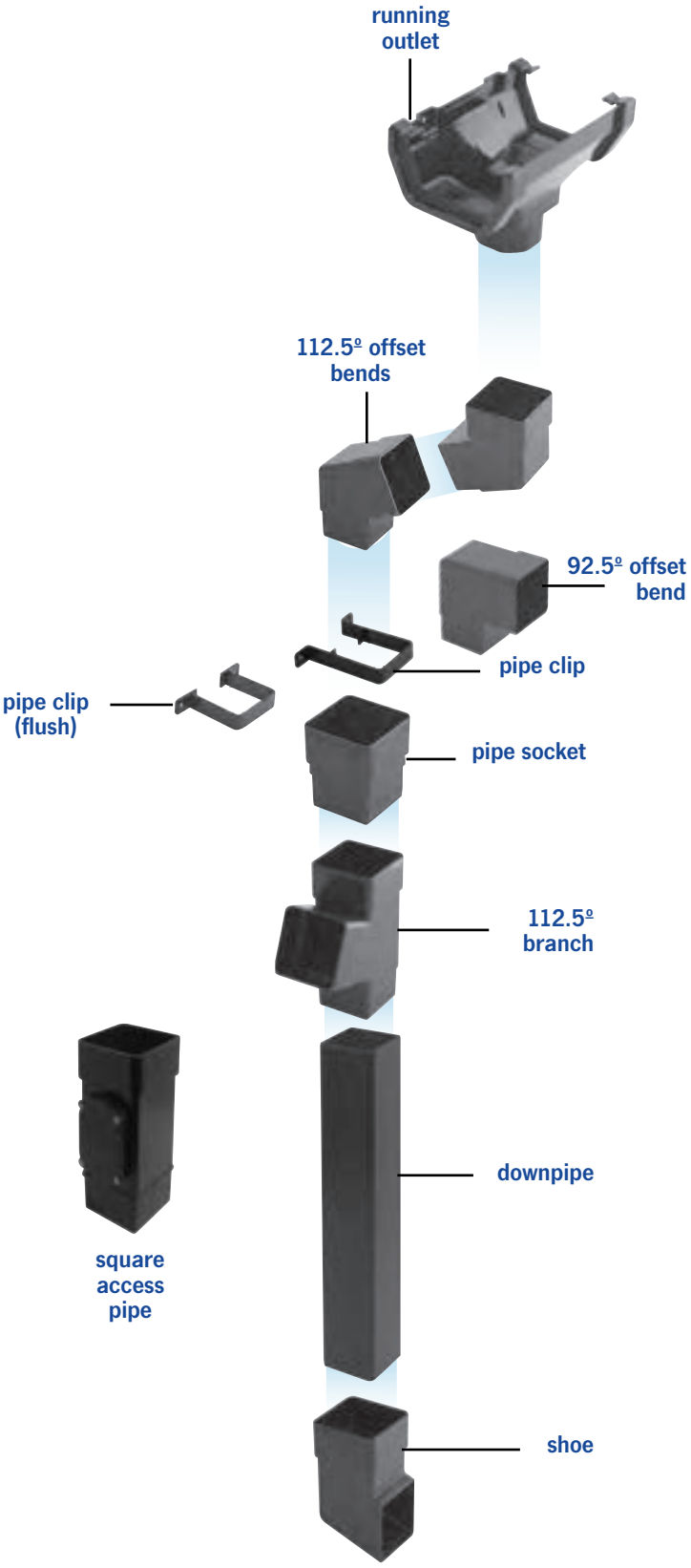
Add suffix as follows for colours: W=White ○, BL=Black ●, BR=Brown ●, C=Caramel ●, AG=Anthracite Grey (RAL 7016) ●, GY=Grey ●

Note: Please order as single items but in multiples of pack quantity only

Kayflow®

square down pipe

- 65mm x 65mm
- use with square and ogee



square down pipe

	code	pk	colours
2.5m	KFPS25	6	W, BL, BR, C, AG
4m	KFPS4	6	W, BL, BR, AG
5.5m	KFPS55	6	W, BL, BR, C, AG

92.5º offset bend

code	pk	colours
KFBS1	20	W, BL, BR, C, AG

112.5º offset bend

code	pk	colours
KFBS2	30	W, BL, BR, C, AG

shoe

code	pk	colours
KFBS3	30	W, BL, BR, C, AG

pipe clip

code	pk	colours
KFCS1	100	W, BL, BR, C, AG

pipe clip (flush)

code	pk	colours
KFCS2	100	W, BL, BR, C, AG

hopper (square/round)

code	pk	colours
KFHS1	10	W, BL, BR, C, GY, AG

pipe socket

code	pk	colours
KFSS1	20	W, BL, BR, C, AG

112.5º branch

code	pk	colours
KFYS1	10	W, BL, BR, C, AG

square/round down pipe adaptor

code	pk	colours
KFDS2	10	W, BL, BR, C

square access pipe

code	pk	colours
KFSAP	1	W, BL, BR

We also offer a range of different accessories; you can find out more on page 15

Kayflow®
SuperDeep 170

Kayflow SuperDeep 170 is a super tough, high capacity gutter for use on commercial buildings, hotels, flats and any structure that has a large roof area.

Tough Construction

SuperDeep 170 has a high material content that ensures it can easily contain the weight of water that could potentially flow into its huge gutter profile. Each fascia bracket is capable of supporting over 125kg and the union can take over half as much again.

The gutter angles have been produced as individual internal and external versions. This allows positive fixing of each unit to the fascia board.

High Capacity

SuperDeep 170 is one of the largest and toughest commercial rainwater systems available.

At 170mm from rim to rim SuperDeep 170 has a huge reservoir and is designed to move water rapidly into and down a 100mm or 110mm down pipe.

SuperDeep 170 has an independently tested, market leading flow rate of 4.3 litres per second.

- **Ultra tough, thick-wall system**
- **170mm high capacity commercial system**
- **White core reduces heat absorbtion**
- **Uses 100mm or 110mm downpipe**
- **Internal and external versions of angles**
- **Fix fascia brackets at maximum 600mm centres**
- **Kitemark KM508760 to BS EN 607:2004 and BS EN 1462:2004**

Single fascia bracket fixed to cellular PVC fascia with 30mm x No.10 stainless steel screws, supporting approximately 125kg.

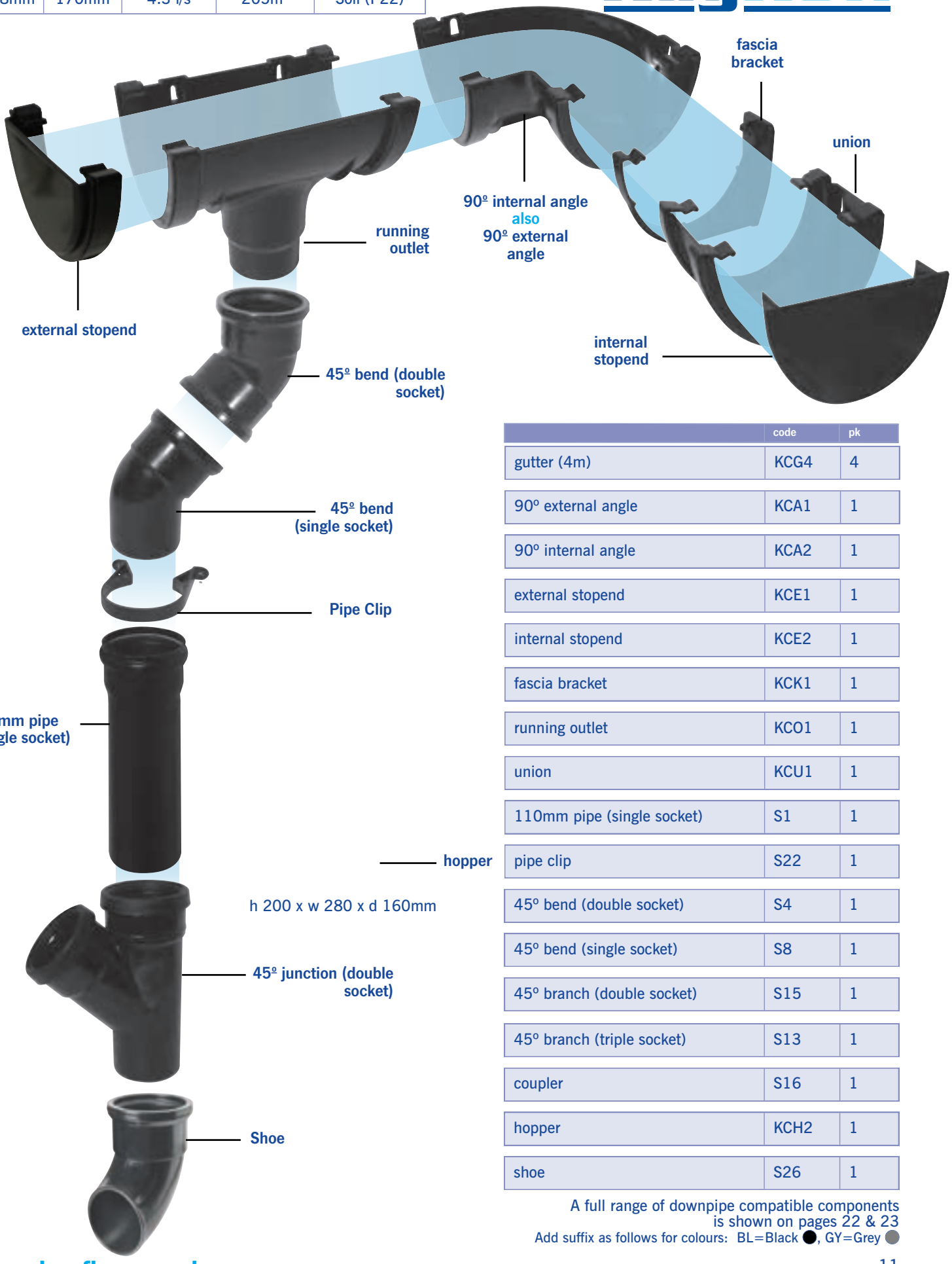
KM 508760

conventional deep flow
(see page 7)

SuperDeep 170

Add suffix as follows for colours: BL=Black ●, GY=Grey ●
Note: Please order as single items but in multiples of pack quantity only

Height	Width	Flow Rate	Area Drained	Down Pipe
108mm	170mm	4.3 l/s	205m²	Soil (P22)



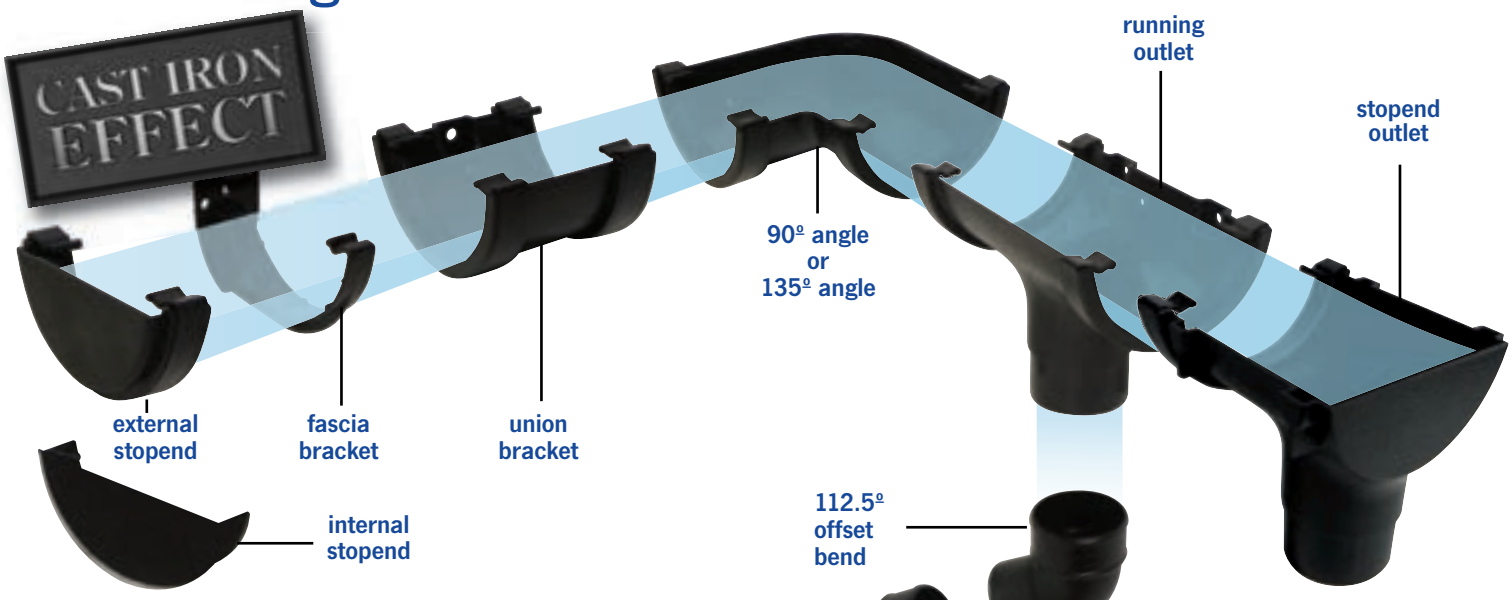
	code	pk
gutter (4m)	KCG4	4
90º external angle	KCA1	1
90º internal angle	KCA2	1
external stopend	KCE1	1
internal stopend	KCE2	1
fascia bracket	KCK1	1
running outlet	KCO1	1
union	KCU1	1
110mm pipe (single socket)	S1	1
pipe clip	S22	1
45º bend (double socket)	S4	1
45º bend (single socket)	S8	1
45º branch (double socket)	S15	1
45º branch (triple socket)	S13	1
coupler	S16	1
hopper	KCH2	1
shoe	S26	1

A full range of downpipe compatible components is shown on pages 22 & 23

Add suffix as follows for colours: BL=Black ●, GY=Grey ●

Kayflow
half round gutter

Height	Width	Flow Rate	Area Drained	Down Pipe
50mm	112mm	0.9 l/s	43m²	Round



	code	pk
gutter (4m)	KFG4	1
90º angle	KFA1	1
135º angle	KFA2	1
external stopend	KFE1	1
internal stopend	KFE2	1
fascia bracket	KFK1	1
running outlet	KFO1	1
stopend outlet	KFO2	1
union bracket	KFU1	1
round downpipe (2.5m)	KFP25	1
92.5º offset bend	KFB1	1
112.5º offset bend	KFB2	1
shoe with lugs	KFB4	1
pipe clip with lugs	KFC2	1
hopper with lugs	KFHS2	1
pipe socket with lugs	KFS2	1
112.5º branch	KFY1	1

We also offer a range of different accessories; you can find out more on page 15

Cast Iron Effect

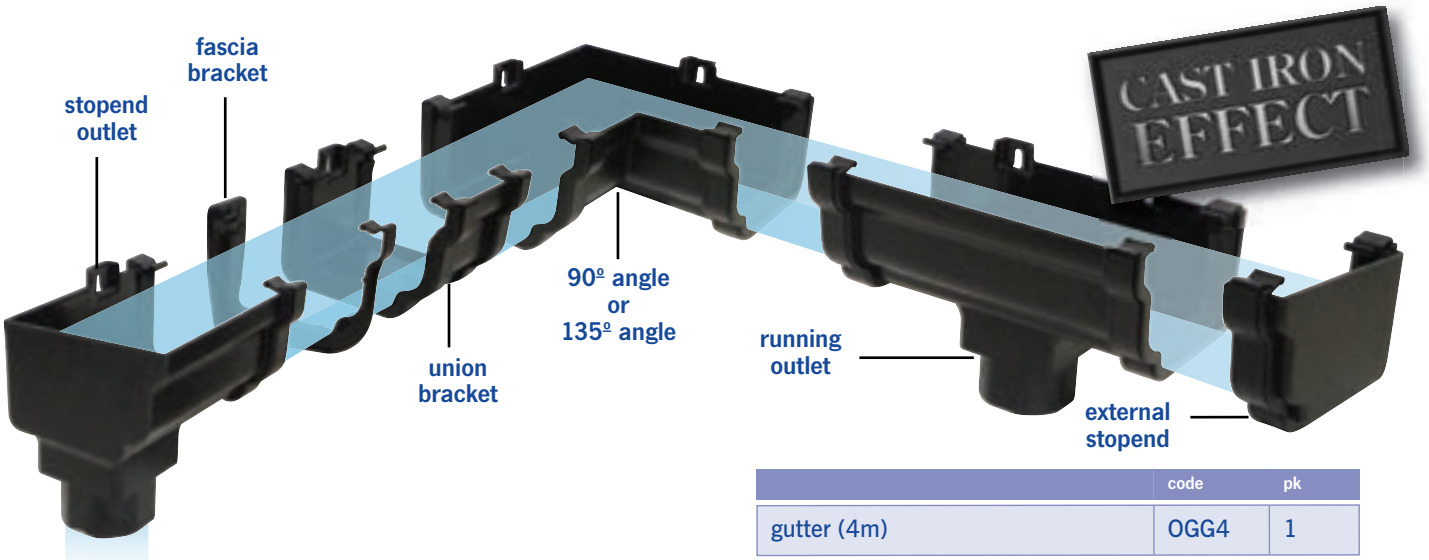
Complete system with bespoke components for an authentic cast iron appearance.

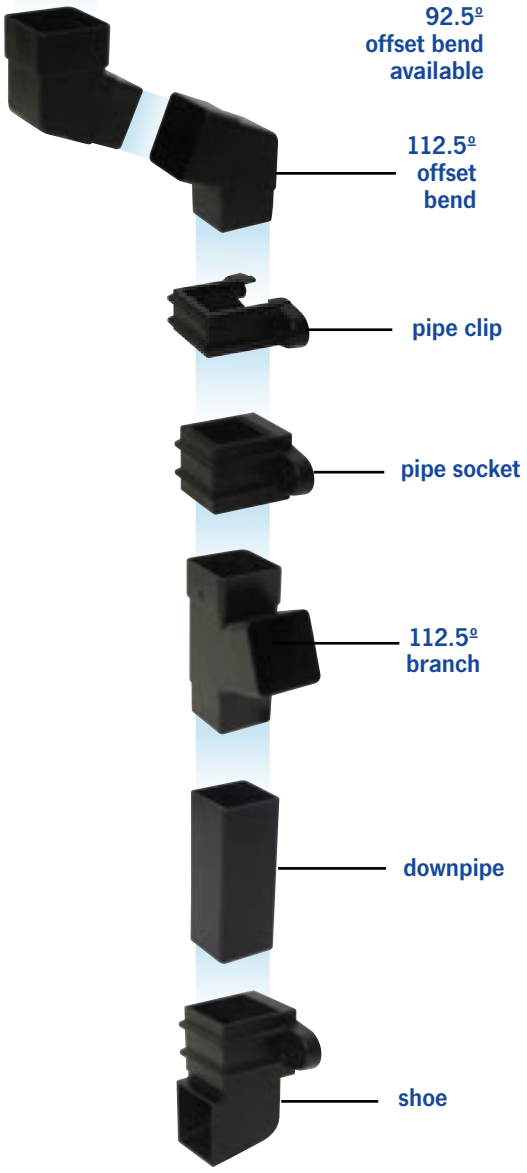
h 258 x w 312 x d 210mm

Add suffix as follows for colours: CB=Cast Black ●

Height	Width	Flow Rate	Area Drained	Down Pipe
70mm	120mm	2.2 l/s	105m²	Round/Square

Kayflow®
ogee gutter



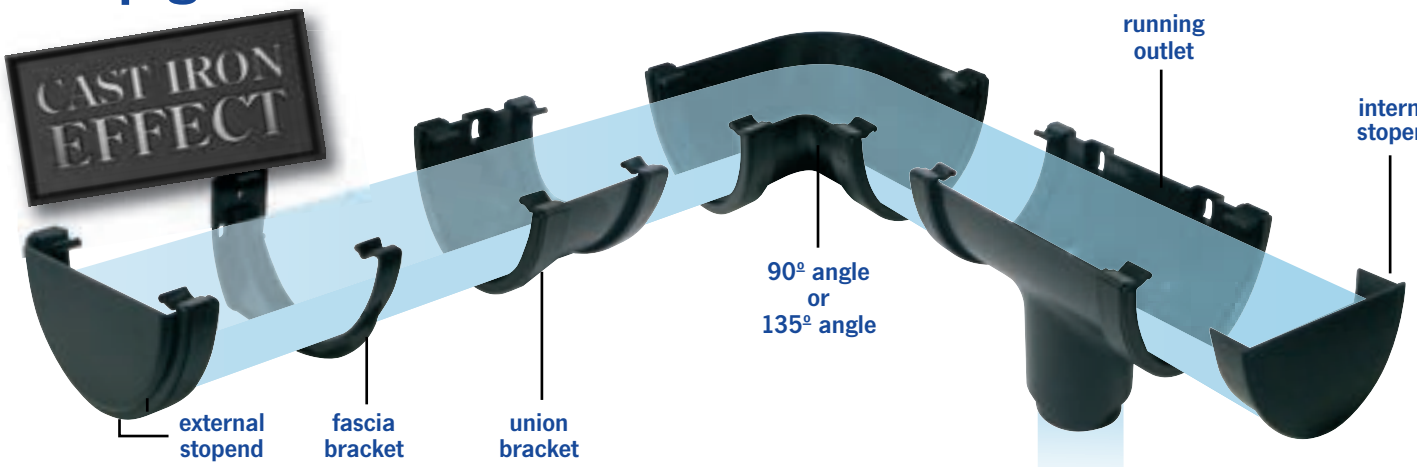


	code	pk
gutter (4m)	OGG4	1
90º external angle	OGA2	1
90º internal angle	OGA1	1
135º external angle	OGA4	1
135º internal angle	OGA3	1
external stopend (R/H)	OGE2	1
external stopend (L/H)	OGE1	1
fascia bracket	OGK1	1
running outlet	OGO1	1
stopend outlet (R/H)	OGO2	1
stopend outlet (L/H)	OGO3	1
union bracket	OGU1	1
square downpipe (2.5m)	KFPS25	1
112.5º offset bend	KFBS2	1
92.5º offset bend	KFBS1	1
shoe with lugs	KFBS5	1
pipe clip with lugs	KFCS4	1
pipe socket with lugs	KFSS2	1
112.5º branch	KFYS1	1
hopper with lugs	KFHS2	1

We also offer a range of different accessories; you can find out more on page 15

Kayflow®
deep gutter

Height	Width	Flow Rate	Area Drained	Down Pipe
71mm	114mm	1.8 l/s	86m²	Round



	code	pk
gutter (4m)	KDG4	1
90º angle	KDA1	1
135º angle	KDA2	1
external stopend	KDE1	1
internal stopend	KDE2	1
fascia bracket	KDK1	1
running outlet	KDO1	1
union bracket	KDU1	1
round downpipe (2.5m)	KFP25	1
92.5º offset bend	KFB1	1
112.5º offset bend	KFB2	1
shoe with lugs	KFB4	1
pipe clip with lugs	KFC2	1
hopper with lugs	KFHS2	1
pipe socket with lugs	KFS2	1
112.5º branch	KFY1	1

We also offer a range of different accessories; you can find out more on page 15

Add suffix as follows for colours: CB=Cast Black ●

Note: It is recommended that all joints require generous lubrication, which is also available from Kayflow - please see pages 18, 20 & 23

Kayflow®

Kayflow is a comprehensive range of Rainwater, Soil and Underground drainage products.

The Kayflow range is ideal for builders merchants and PVC stockists. Kayflow is easy to deal with and has a straight forward pricing structure, a national delivery service and low minimum order levels.

Kayflow can be specified with confidence. The technical team are on hand to help with questions concerning flow rates and installation procedures.

Kayflow installers have a wide choice of rainwater products and the quality and fit of the clipping system is widely regarded as excellent.

MADE IN BRITAIN

NEW SQUARE additions to the Anthracite Grey range

The Kayflow Anthracite Grey (RAL7016) range of products has expanded and now includes a SQUARE gutter system.

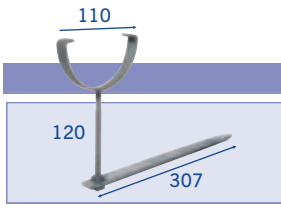
These additions join the already popular large range of Round, Ogee and Deep Flow profiles available in the Anthracite Grey rainwater range and provide a match for window, door and fascia systems with the same colour reference.

KM 508760

10 Year guarantee

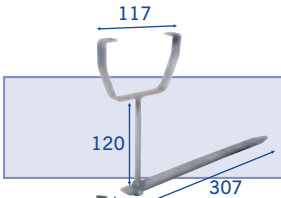
Anthracite Grey colour reference = AG

accessories



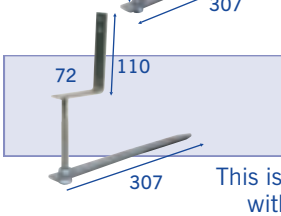
rise & fall bracket (half round)

code	pk	colours
KFRB	10	



rise & fall bracket (square)

code	pk	colours
KFRBS	10	

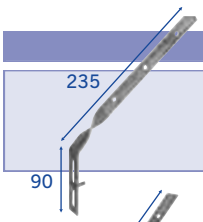


rise & fall bracket (universal)

code	pk	colours
KFRBU	10	

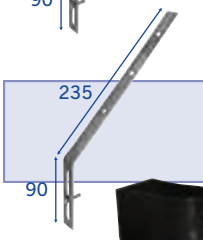
This is designed to be used in conjunction with the pvc fascia bracket appropriate to the design of gutter chosen

Metal brackets are galvanised or zinc plated for excellent water resistance.



side rafter bracket

code	pk	colours
KFSRB	10	



top rafter bracket

code	pk	colours
KFTRB	10	

rainwater diverter and leaf trap

code	pk	colours
KFRD1	1	W, BL

hopper (square/round)

code	pk	colours
KFHS1	10	W, BL, BR, C, GY, AG

Kayflow Soil System (p22)

- 110mm Compatible with most other UK systems
- Comprehensive range
- High gloss PVC-u for low maintenance
- Lightweight durable and easy to install
- BS EN 1329; 1:2014

Black Grey White

This drawing is for illustration only - full product range guides available

KM 655203 KM 664034

For scope refer to the manufacturer.

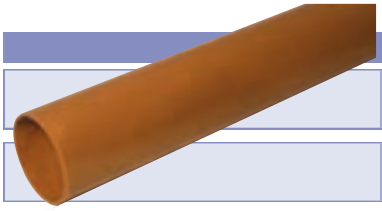
Kayflow Underground System

- 110mm and 160mm
- Easy fit system
- Lightweight
- Durable and impact resistant

Kayflow®

110mm underground pipe & fittings

plain end pipe



	code	pk
	UG1	1x3m
	UG2	1x6m

15º bend (single socket)

	code	pk
	UG28 BUG28	1 40

30º bend (single socket)

	code	pk
	UG26 BUG26	1 40

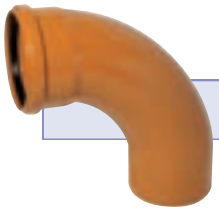
45º bend (single socket)

	code	pk
	UG24 BUG24	1 30

90º bend (single socket)

	code	pk
	UG22 BUG22	1 20

90º swept bend (single socket)



	code	pk
	UG29	1

coupler and slip coupler (double socket)

		code	pk
coupler		UG10 BUG10	1 50
slip coupler		UG12 BUG12	1 50

socket plug

	code	pk
socket plug	UG111	1

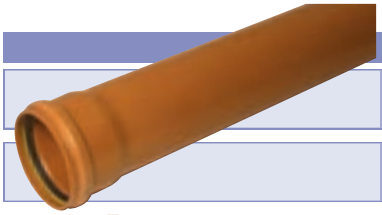
rest bend (single socket)

	code	pk
	UG45	1

rest bend (double socket)

	code	pk
	UG46	1

single socket pipe



	code	pk
	UG3	1x3m
	UG4	1x6m

15º bend (double socket)

	code	pk
	UG20 BUG20	1 40

30º bend (double socket)

	code	pk
	UG18 BUG18	1 40

45º bend (double socket)

	code	pk
	UG16 BUG16	1 30

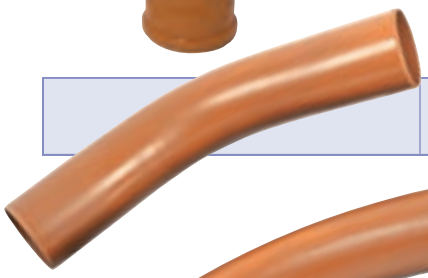
90º bend (double socket)

	code	pk
	UG14 BUG14	1 20

90º swept bend (double socket)

	code	pk
	UG21	1

45° long radius bend



	code	pk
	UG15 BUG15	1 15

90° long radius bend

	code	pk
	UG13 BUG13	1 10

Adjustable bend (double socket)

	code	pk
	UG23 BUG23	1 16

0º to 90º

universal pipe lubricant

	UPL1 UPL25	1kg 2.5kg	1 1

Codes beginning with 'B' denote the specific BULK quantity shown.

Kayflow®

110mm underground fittings

45º junction (double socket)

code	pk
UG47	1
BUG47	15

90º junction (double socket)

code	pk
UG44	1
BUG44	15

with twin boss

P trap

code	pk
UG100	1
BUG100	14

standard bottle gully

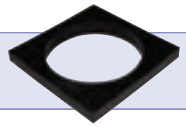
code	pk
UG101	1
BUG101	50
UG106 Grid ONLY	1
UG106 Grid ONLY	150

bottle gully (rear inlet)

code	pk
UG102	1
BUG102	50
UG106 Grid ONLY	1
BUG106 Grid ONLY	150

gully raising piece

code	pk
UG1006	1
BUG1006	12



round to square grid adaptor

code	pk
UG1008	1
BUG1008	10

for use with bottle gully

rainwater adaptor

code	pk
UG1015	1

110mm straight rubber coupler

code	pk
UG1011	1

45º junction (triple socket)

code	pk
UG38	1
BUG38	15

90º junction (triple socket)

code	pk
UG39	1
BUG39	15

with twin boss

short hopper head

code	pk
UG107	1
BUG107	60
UG105 Grid ONLY	1
BUG105 Grid ONLY	200

square hopper

code	pk
UG103	1
BUG103	24
UG105 Grid ONLY	1
BUG105 Grid ONLY	200

rectangular hopper

code	pk
UG104	1
BUG104	20
UG105 Grid ONLY	1
BUG105 Grid ONLY	200

rodding eye

code	pk
UG1012	1
BUG1012	20

level invert reducer

code	pk
UG115	1
BUG115	230

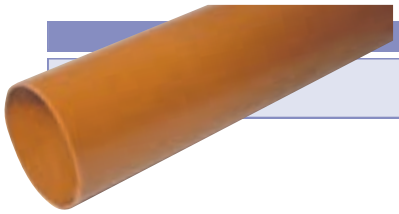
160 x 110mm

plastic to clay adaptor

code	pk
UG1009	1

Kayflow®

160mm underground pipe & fittings



plain end pipe

	code	pk
	UG1160	1x3m

single socket pipe

	UG3160	1x3m
	UG4160	1x6m

15º bend (single socket)

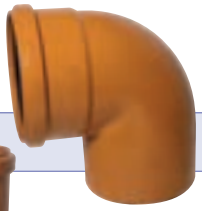
	UG28160	1

30º bend (single socket)

	UG26160	1

45º bend (single socket)

	UG24160	1



90º bend (single socket)

	UG22160	1

45º junction (double socket)

	UG47160	1

90º junction (double socket)

	UG44160	1

coupler (double socket)

	code	pk
coupler	UG10160	1

socket plug

socket plug	UG111160	1

15º bend (double socket)

	UG20160	1

30º bend (double socket)

	UG18160	1

45º bend (double socket)

	UG16160	1

45º junction (triple socket)

	UG38160	1

45º junction 160mm x 110mm (double socket)

	UG49160	1

90º junction 160mm x 110mm (double socket)

	UG48160	1

universal pipe lubricant

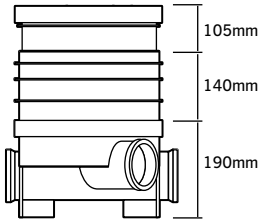
	UPL1	1kg	1
	UPL25	2.5kg	1

Kayflow inspection chambers

320 inspection chamber

1 x Main Entry
2 x 45° Entries
2 x Blanking Plugs
Max. Depth 600mm
All Sockets 110mm

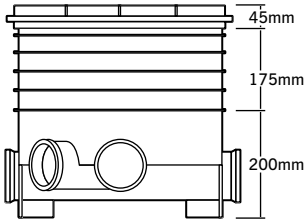
BS EN 1329; 1:2014



450 inspection chamber

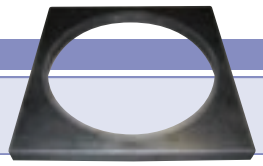
1 x Main Entry
2 x 90° Entries
2 x 45° Entries
4 x Blanking Plugs
Max. Depth 1200mm
All Sockets 110mm

BS EN 1329; 1:2014



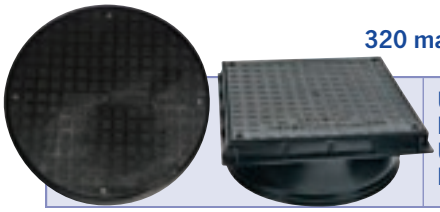
Note: Dimensions shown denote the installed height of each item

320 square lid adaptor



code	pk
UG1013	1
BUG1013	20

320 manhole cover and frame



UG1000 1.5tonne/15kN loading

UG2000

code	pk
UG1000	1 (round)
BUG1000	54 (round)
UG2000 (35kN)	1 (square)
BUG2000 (35kN)	54 (square)

320 raising piece

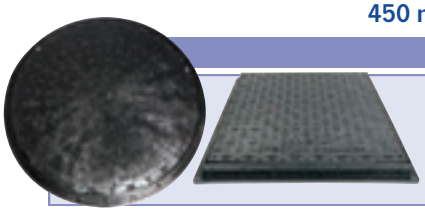
code	pk
UG1002	1
BUG1002	99

320 manhole base

code	pk
UG1004	1
BUG1004	56

It is recommended that all joints require generous lubrication, which is also available from Kayflow - please see pages 18, 20 & 23

450 manhole cover and frame



UG1001 1.5tonne/15kN loading

UG2001

code	pk
UG1001	1 (round)
BUG1001	52 (round)
UG2001 (35kN)	1 (square)
BUG2001 (35kN)	52 (square)

450 raising piece

code	pk
UG1003	1
BUG1003	36

riser seals for 450 base

code	pk
UG1007	10
BUG1007	150

450 manhole base

code	pk
UG1005	1
BUG1005	32

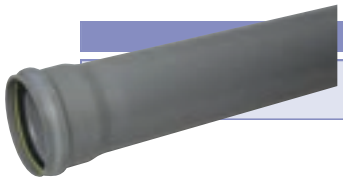
450 manhole base (160mm main run and side inlets)

code	pk
UG1014	1
BUG1014	24

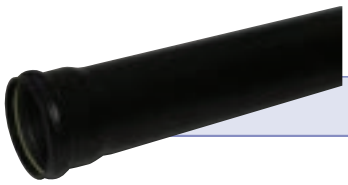
Codes beginning with 'B' denote the specific BULK quantity shown.

Kayflow®
110mm soil

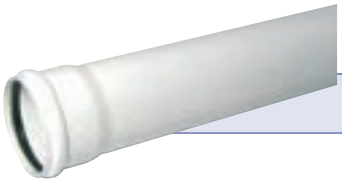
pipe (single socket)



code	pk	colours
S1	1x3m	GY



code	pk	colours
S1	1x3m	BL



code	pk	colours
S1	1x3m	WH

coupler

code	pk	colours
S16 BS16	1 50	BL, GY, WH

slip/repair coupler

code	pk	colours
S17	1	BL, GY

90º short access bend (single socket)

code	pk	colours
S11 BS11	1 20	BL, GY, WH

15º bend (single socket)

code	pk	colours
S10 BS10	1 40	BL, GY, WH

15º bend (double socket)

code	pk	colours
S6 BS6	1 40	BL, GY, WH

30º bend (single socket)

code	pk	colours
S9 BS9	1 40	BL, GY, WH

30º bend (double socket)

code	pk	colours
S5 BS5	1 40	BL, GY, WH

45º bend (single socket)

code	pk	colours
S8 BS8	1 30	BL, GY, WH

45º bend (double socket)

code	pk	colours
S4 BS4	1 30	BL, GY, WH

90º bend (single socket)

code	pk	colours
S7 BS7	1 20	BL, GY, WH

90º bend (double socket)

code	pk	colours
S3 BS3	1 20	BL, GY, WH

Add suffix as follows for colours: BL=Black, GY=Grey, WH = White

Note: Please order as single items but in multiples of pack quantity only

Codes beginning with 'B' denote the specific BULK quantity shown.

Kayflow®
110mm soil

45º branch (double socket)

	code	pk	colours
	S15 BS15	1 15	BL, GY, WH

45º branch (triple socket)

	code	pk	colours
	S13 BS13	1 15	BL, GY, WH

90º branch (double socket)

	S14 BS14	1 15	BL, GY, WH

90º branch (triple socket)

	S12 BS12	1 15	BL, GY, WH

access junction (double socket)

	S18 BS18	1 12	BL, GY, WH

air admittance valve

	S24 BS24	1 24	BL, GY, WH

straight access pipe (single socket)

	S25 BS25	1 18	BL, GY, WH

cowl

	S21 BS21	1 40	BL, GY, WH

50mm strap boss

	S50 BS50	1 10	BL, GY, WH

pipe clip

	S22 BS22	1 50	BL, GY, WH

40mm adaptor

	S40 BS40	1 10	BL

end plug/cap

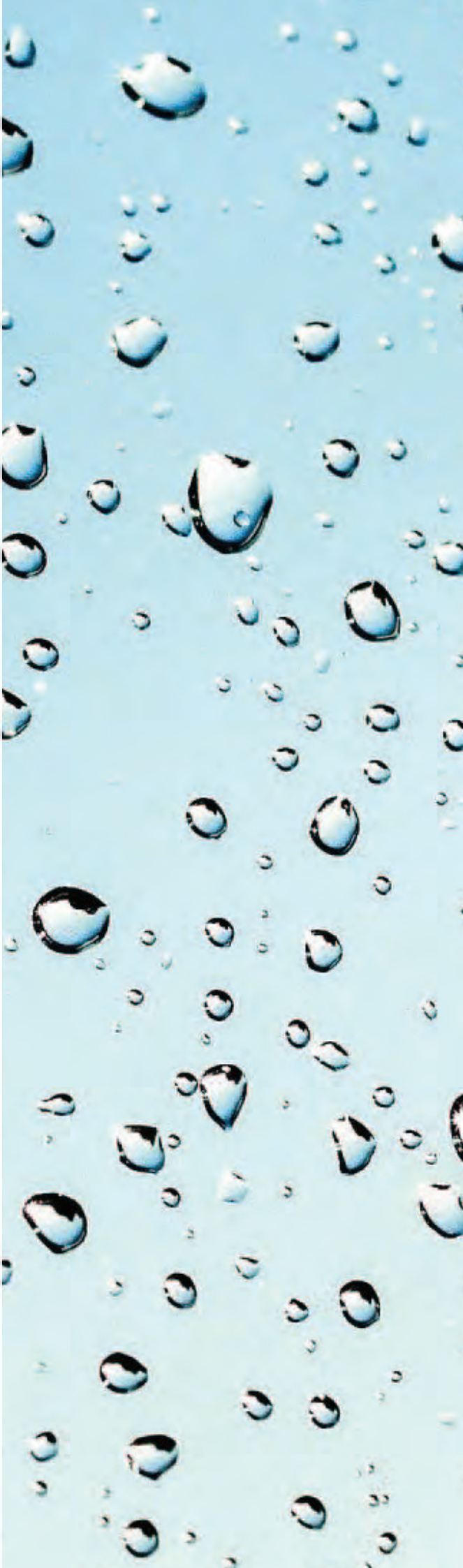
	S20 BS20	1 100	BL, GY BL

32mm adaptor

	S32 BS32	1 10	BL

universal pipe lubricant

	UPL1 UPL2.5	1kg 2.5kg	1 1



Kayflow®

Useful Kayflow contacts:

To speak to our customer services team or to place your orders, please contact **01827 317 200** and choose **Option 1** or e-mail **sales.orders@swishbp.co.uk**.

For drainage product queries, contact:

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For technical rainwater enquiries, contact:

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07901 851765
dosborne@swishbp.co.uk

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09/22