

Plastic Waste Pipe and Fittings  
Chrome Plated Brass Waste Pipe and Fittings  
Drain Connectors  
Mechanical Soil Pipe Boss Connectors  
Aluminium Roof Flashing (MacFlash)

**M'ALPINE**  
Plumbing Products

SECTION

3



Plastic Waste Pipe, Fittings and Drain Connectors

# Multifit Waste Fittings

	1¼" Code	1½" Code	2" Code
			
<b>90° Bend</b>			
	<b>MS4</b>	<b>MT4</b>	<b>MZ4</b>
			
<b>90° Bend Multifit x European pipe size</b>			
x 32mm	x 40mm	x 50mm	
<b>MS4-ISO</b>	<b>MT4-ISO</b>	<b>MZ4-ISO</b>	
			
<b>90° Bend Multifit x 32mm European pipe size ring seal pushfit</b>			
<b>MS4-32MM</b>	-	-	
			
<b>90° Bend ABS solvent weld x 32mm European pipe size ring seal pushfit</b>			
<b>MS4-32SOLVENT</b>		-	
			
<b>90° Bend Multifit x plain end*</b>			
<b>MS4L</b>	<b>MT4L</b>	<b>MZ4L</b>	
			
<b>135° Bend</b>			
<b>MS20</b>	<b>MT20</b>	<b>MZ20</b>	
			
<b>135° Bend Multifit x plain end*</b>			
<b>MS20L</b>	<b>MT20L</b>	<b>MZ20L</b>	
			
<b>Straight Connector</b>			
<b>S28M</b>	<b>T28M</b>	<b>Z28M</b>	
			
<b>Reducing Connector 1½" x 1¼"</b>			
-	<b>ST28M</b>	-	

	1¼" Code	1½" Code	2" Code
			
<b>Straight Connector Multifit x European pipe size</b>			
x 32mm	x 40mm	x 50mm	
<b>S28L-ISO</b>	<b>T28L-ISO</b>	<b>Z28L-ISO</b>	
x 40mm	-	-	
<b>ST28L-ISO</b>	-	-	
			
<b>Adjustable Straight Connector</b>			
<b>MS18E</b>	<b>MT18E</b>	<b>MZ18E</b>	
			
<b>Straight Connector Multifit x plain end*</b>			
<b>MS18L</b>	<b>MT18L</b>	-	
			
<b>Swept Tee</b>			
<b>V8M</b>	<b>V1M</b>	<b>V15M</b>	
			
<b>1½" Equal Slip Tee with universal compression connections</b>			
-	<b>V1MX</b>	-	
			
<b>Reducer for Fittings*</b>			
1½" x 1¼"	<b>T12M</b>	-	
2" x 1¼"	-	<b>ZS26L</b>	
2" x 1½"	-	<b>ZT26L</b>	
2" x 19/23mm	-	<b>TUN-2</b>	

■ Fittings marked\* have plain ends which are designed to fit into other fittings or traps with Multifit or universal compression connection

	1¼" Code	1½" Code	2" Code
	<b>Reducer in ABS*</b> 1¼" plain tail to BS EN 1329-1:2000 x 19/23mm universal compression connection		
	<b>R16</b>	-	-

	<b>Reducer in ABS*</b> 1½" plain tail to BS EN 1329-1:2000 x 19/23mm universal compression connection		
	-	<b>R17</b>	-

	<b>Rubber Reducer</b> 1¼" x 1"/28mm		
	<b>T12R</b>	-	-

	<b>Straight Connector</b> Multifit x BSP female thread		
	<b>S29</b>	<b>T29</b>	<b>Z29</b>

	<b>Straight Connector</b> Multifit x BSP coupling nut		
	<b>S29-LN</b>	<b>T29-LN</b>	-

	<b>90° Bend</b> Multifit x BSP coupling nut		
	<b>S5M</b>	<b>T5M</b>	<b>Z5M</b>

	<b>95° Bend</b> Multifit x BSP coupling nut		
	<b>S5M-A</b>	<b>T5M-A</b>	-

	<b>135° Bend</b> universal compression connection x BSP coupling nut		
	-	<b>ST90-OUT</b>	-

	1¼" Code	1½" Code	2" Code
	<b>Straight Connector</b> BSP male thread x universal compression connection		
	<b>S31M</b>	<b>T31M</b>	-

	<b>Multifit Tank Connector</b>		
	<b>S11M</b>	<b>T11M</b>	<b>Z11M</b>

	<b>Multifit Bent Tank Connector</b>		
	<b>MS4-TANK</b>	<b>MT4-TANK</b>	<b>MZ4-TANK</b>

	<b>Blanking Cap</b> for Multifit fittings		
	<b>S23M</b>	<b>T23M</b>	<b>Z23M</b>

	<b>Blanking Cap</b> for waste pipe with universal compression connection		
	<b>S23U</b>	<b>T23U</b>	<b>Z23U</b>

	<b>2" Caulking Ferrule</b>		
	<b>S21A</b>	<b>T21A</b>	<b>Z21A</b>

	<b>In-Line Connector with Filter - Top Access</b> universal compression connection x ABS plain spigot BS EN 1329-1:2000		
	-	<b>T28M-FIL</b>	-

	<b>Loose Nut</b>		
	<b>S8M</b>	<b>T8M</b>	<b>Z8M</b>

	<b>Straight Connector</b> pushfit to solvent weld		
	<b>S18-ABS</b>	<b>T18-ABS</b>	

# Flexible Waste Fittings and Non-Return Valves

**Flexible Connector** offers maximum flexibility when conventional fittings cannot be used

- Maximum effective length 18"
- PVC Plain spigot to suit Multifit and universal compression outlet traps or waste fittings. Also suitable for solvent welding to pipe BS EN 1329-1:2000
- Universal compression outlet connection



1¼" Code	1½" Code	2" Code
<b>FLEXCON1</b>	<b>FLEXCON2</b>	-

**Flexible Connector** offers maximum flexibility when conventional fittings cannot be used

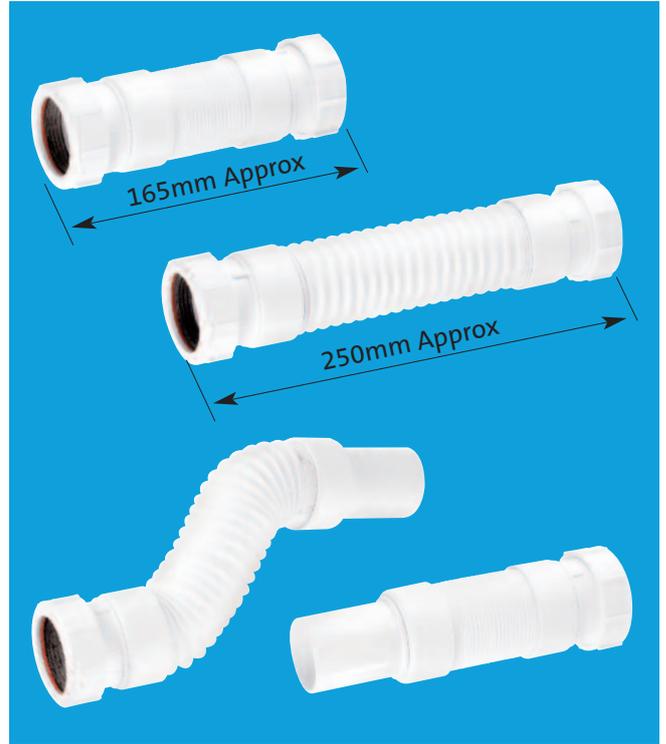
- Maximum effective length 18"
- Universal compression connection x 1½" BSP coupling nut



-	<b>FLEXCON2-LN</b>	-
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## Flexible Fittings

- These fittings offer complete flexibility for any required angle or offset



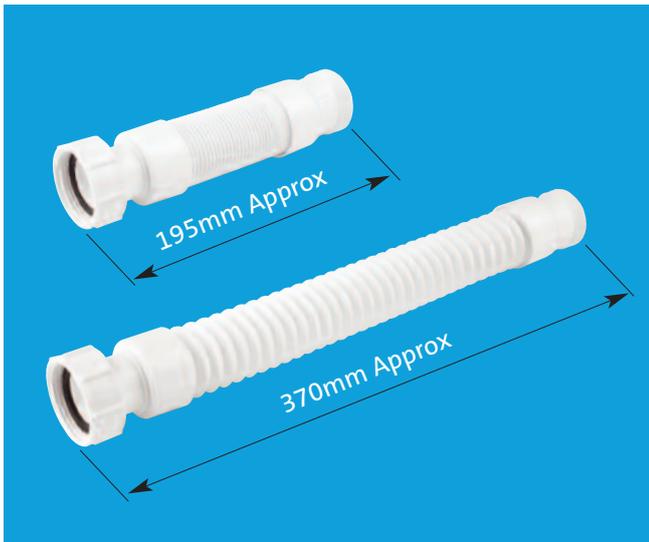
1¼" Code	1½" Code	2" Code
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## Universal Compression Connection x Universal Compression Connection

<b>FLEXCON3</b>	<b>FLEXCON4</b>	<b>FLEXCON7</b>
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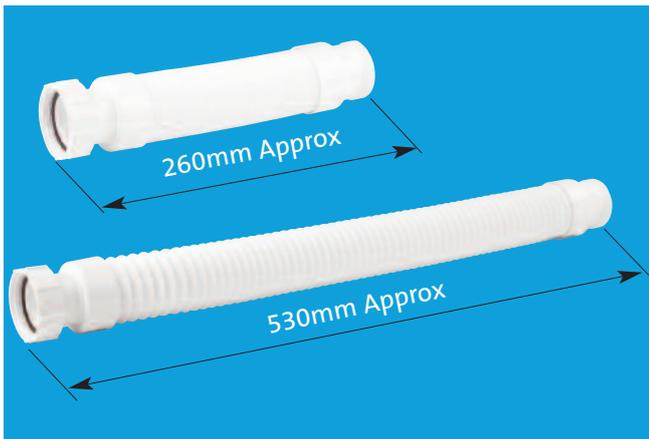
## Universal Compression Connection x PVC Plain Spigot suitable for solvent welding to pipe BS EN 1329-1:2000

<b>FLEXCON5</b>	<b>FLEXCON6</b>	<b>FLEXCON8</b>
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1 1/4" BSP coupling nut x 1 1/4" BSP male thread

Code **FLEX-JKS**



1 1/2" BSP coupling nut x 1 1/2" BSP male thread

Code **FLEXCON9**

**FLEXCON9**



**Non-Return Valves**



1 1/4" Code	1 1/2" Code	2" Code
<b>In-Line Non-Return Valve</b> with 1 1/2" universal compression connections and top access for cleaning		
<b>S28M-NRV</b>	<b>T28M-NRV</b>	-



<b>In-Line Non-Return Valve</b> with 2" universal compression connections and top access for cleaning		
-	-	<b>Z28M-NRV</b>

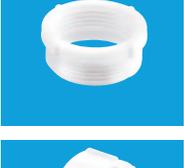


<b>In-Line Non-Return Valve</b> with 2" BS EN 1329-1:2000 solvent weld connections and top access for cleaning		
-	-	<b>Z28M-NRV5</b>

■ The above Non-Return Valves are designed to prevent a back flow of water and must be installed in a horizontal position. They must only be used when there is no alternative and on the basis that they are cleaned regularly

# Sundry Fittings

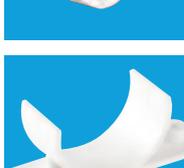
## Sundry Fittings

	1¼"	1½"	2"
	Code	Code	Code
<b>90° Bend</b> with BSP male thread x BSP coupling nut			
<b>S1</b>	<b>T1</b>	<b>Z1</b>	
	<b>BSP Nut</b> ordinary		
	<b>S8A</b>	<b>T8A</b>	<b>Z8A</b>
	<b>BSP Nut</b> compression		
	<b>S8B</b>	<b>T8B</b>	<b>Z8B</b>
	<b>Compression Ring for Imperial Copper</b>		
	<b>S13-ISON</b>	<b>T13-ISON</b>	-
	<b>BSP Coupling</b> to BS EN 1329-1:2000 ABS or PVC pipe, must be solvent welded		
	<b>S25</b>	<b>T25</b>	-
	<b>Trap Inlet Reducer</b>		
	1¼" x 1"		
	<b>S16</b>	-	-
	1½" x 1¼"	<b>T16</b>	-
	<b>Blank Cap</b> with nut for BSP threads		
	<b>S23</b>	<b>T23</b>	<b>Z23</b>
	<b>7" Extension Piece</b> effective length 5". Available longer or shorter on application		
	<b>S22L</b>	<b>T22L</b>	-

## BSP Female x BSP Male Couplings

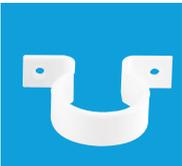
	1¼"	1½"
	Code	Code
<b>BSP Coupling</b>		
1" length	<b>S12A-1</b>	<b>T12A-1</b>
2" length	<b>S12A-2</b>	<b>T12A-2</b>
3" length	<b>S12A-3</b>	<b>T12A-3</b>
	<b>BSP Coupling</b> flush spigot European to UK waste adaptor	
	<b>S12A-F</b>	<b>T12A-F</b>

## BSP Female x BSP Male Couplings

	1¼"	1½"	
	Code	Code	
<b>BSP Coupling</b>			
1¼" x 1"	<b>S12C</b>	-	
1" x ¾"	<b>S12D</b>	-	
	<b>BSP Coupling</b> waste outlet reducer		
	1½" x 1¼"	-	<b>T12</b>
	<b>BSP Coupling</b>		
	1¾" x 1½"	-	<b>T12B</b>
	2" x 1½"	-	<b>T12C</b>
	2" x 1¼"	-	<b>T12D</b>
	1½" x 1"	-	<b>T12H</b>
	<b>BSP Coupling</b>		
	1½" x 2"	-	<b>T12E</b>
	1½" x 1¾"	-	<b>T12F</b>
	<b>¾" Female Blank Cap</b> for blanking off appliance valves with ¾" male thread		
	Code	<b>NUT-WMVALVE</b>	
	<b>1" Female Blank Cap</b> for traps and fittings with 1" male thread		
	Code	<b>NUT-BLANK-WH</b>	
	<b>1½" Pipe Clip</b> for floor mounted discharge pipe installations		
	Code	<b>T30-CLAMP</b>	
	<b>Stackable Gradient Spacer</b> for use with T30-CLAMP allowing for a fall of varying degrees		
	Code	<b>T30-SPACER</b>	



	1 1/4"	1 1/2"	2"
	Code	Code	Code
<b>HDPE White Pipe</b> 3m lengths			
<b>HD1-3M</b>	<b>HD2-3M</b>	<b>HD3-3M</b>	

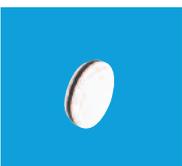
	<b>Pipe Clip</b>		
	<b>S30</b>	<b>T30</b>	<b>Z30</b>

	<b>90° Bend</b>		
	<b>S4L</b>	<b>T4L</b>	<b>Z4L</b>

	<b>Straight Connector</b>		
	<b>S18L</b>	<b>T18L</b>	<b>Z18L</b>

	<b>Straight Connector</b> Multifit x Surefit		
	<b>S28L</b>	<b>T28L</b>	<b>Z28L</b>

	<b>Reducing Connector</b> 1 1/2" x 1 1/4"		
	-	<b>T12L</b>	-

	<b>Blank Cap</b> without nut		
	<b>S23L</b>	<b>T23L</b>	<b>Z23L</b>

	<b>Reducer for Fittings</b>		
	2"-1 1/4"	1 1/2"-1 1/4"	2"-1 1/2"
<b>S26L</b>	<b>T12S</b>	<b>T26L</b>	

	1 1/4"	1 1/2"
	Code	Code
<b>Swept Tee</b>		
	<b>V8L</b>	<b>V1L</b>

	<b>Swept Tee</b>	
	1 1/2" x 1 1/2" x 1 1/4"	<b>V21L</b>

	<b>Swept Tee</b> Surefit x 19mm pushfit branch	
	1 1/2" x 1 1/2" x 3/4"	<b>V23L</b>
	1 1/4" x 1 1/4" x 3/4"	<b>V24L</b>

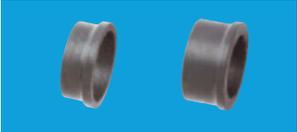
	1 1/4"	1 1/2"	2"
	Code	Code	Code
<b>Straight Connector</b> to soil pipe boss BS EN 1451-1:2000 size*			
<b>S18M</b>	<b>T18M</b>	<b>Z18M</b>	

	<b>Wall Flange</b> for HDPE pipe		
	<b>S17</b>	<b>T17</b>	-

- \*BS 5254 size - if connecting to boss size BS 5255 add 5255 to code e.g. S18M 5255
- Surefit waste fittings only suitable for M<sup>C</sup>Alpine HDPE waste pipe

# Chrome Plated Brass Waste Pipe and Fittings

Chrome Plated Brass Waste Pipe and Fittings

	European pipe size	1¼" UK pipe size	1½" UK pipe size
	<b>1m length of CP Brass Pipe</b>		
	<b>PIPE32-1000-CB</b>	<b>PIPE35-1000-CB</b>	<b>PIPE42-1000-CB</b>
	<b>CP Pipe Clip</b>		
	<b>S32-CP</b>	<b>S35-CP</b>	<b>T42-CP</b>
	<b>90° Compression Bend</b>		
	<b>32A-CB</b>	<b>35A-CB</b>	<b>42A-CB</b>
	<b>135° Compression Bend</b>		
	-	<b>35B-CB</b>	<b>42B-CB</b>
	<b>Compression Tee</b>		
	-	-	<b>42E-CB</b>
	<b>Blanking Cap for above fitting</b>		
	-	-	<b>40K-CB</b>
	<b>Compression Straight Connector</b>		
	<b>32G-CB</b>	<b>35G-CB</b>	<b>42G-CB</b>
	<b>Wall Flange</b>		
	<b>WALLFLANGE-CP32</b>	<b>WALLFLANGE-CP35</b>	<b>WALLFLANGE-CP42</b>
	<b>Synthetic Rubber Seal Reducers for above fittings</b>		
		<b>R/SEAL-35X32</b>	<b>R/SEAL-42X32</b> <b>R/SEAL-42X35</b>
	<b>ABS Solvent Weld Adaptor to convert above fittings to BS EN 1329-1:2000 plastic solvent weld waste pipe</b>		
	<b>ABSCON-32X1.25</b>	<b>ABSCON-35X1.25</b>	<b>ABSCON-42X1.5</b>

NOTE: European sizes only



**90° Bend** 32/35mm compression CP brass x 1 1/4" ABS solvent weld

Code **ABS32/35A-CB**

**90° Bend** 42/43mm compression CP brass x 1 1/2" ABS solvent weld

Code **ABS42/43A-CB**



**Straight Connector** 32/35mm compression CP brass x 1 1/4" ABS solvent weld

Code **ABS32/35G-CB**

**Straight Connector** 42/43mm compression CP brass x 1 1/2" ABS solvent weld

Code **ABS42/43G-CB**



**Elongated 90° Bend** 32/35mm compression CP brass x 1 1/4" ABS solvent weld

Code **ABS32/35A-CB-L**



**90° Bend** 32mm European pipe size ring seal pushfit x 1 1/4" Multifit

Code **MS4-32MM**



**90° Bend** 32mm European pipe size ring seal pushfit x 1 1/4" ABS solvent weld

Code **MS4-32SOLVENT**

- For Multifit fittings suitable for use with 35mm and 42mm external diameter pipe see pages 54 and 55
- For Chrome Plated Traps see pages 7 and 22

*ABS32/35G-CB can be used in conjunction with WALLFLANGE-CP42. As illustrated below*



## Drain Connectors and Blanking Off Caps

- Manufactured in polypropylene
- Finned seal spigot for internal connection to cast iron, plastic or clay 4"/110mm pipe
- Ideal for low level connections
- Reducers allow for connection to BS EN 1451-1:2000 and BS EN 1329-1:2000 pipe



**4"/110mm x 4"/110mm Connector** with 'O' seal socket to fit 4"/110mm pipe to BS 4514

Code (Black) **DC1-BL**

Code (Grey) **DC1-GR**

With 14mm offset

Code (Black) **DC1BL-OS**

Code (Grey) **DC1GR-OS**

### Drain Connector with Boss



**4"/110mm x 4"/110mm Connector** with 'O' seal socket to fit 4"/110mm pipe to BS 4514 and 1½" universal pipe boss including blanking cap. **Should only be fitted on ground floor due to a reduction in the internal outlet diameter of the boss pipe connector**

Code (Black) **DC1-BL-BO**

Code (Grey) **DC1-GR-BO**

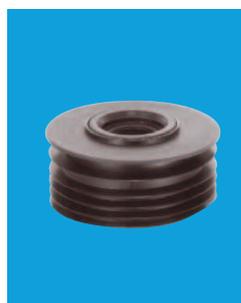
### Drain Connector 90° Bend



**90° Bend 4"/110mm x 4"/110mm** with 'O' seal socket to fit 4"/110mm pipe to BS 4514

Code (Black) **DC90-BL**

Code (Grey) **DC90-GR**



### 4"/110mm Reducer

**Connector** with sealing ring to fit to plastic waste pipe

Code

1¼" and 1½" **DC2-BL**

2" **DC3-BL**



### 4"/110mm Reducer

**Connector** with offset sealing ring to fit to plastic waste pipe

1¼" and 1½" **DC2BL-OS**

2" **DC3BL-OS**



### 4"/110mm Blanking Cap

suitable for sealing cast iron, plastic or clay 4"/110mm pipe

Code **DC4-BL**

### Temporary Blanking Off Caps



**Synthetic Rubber Cap** for sealing 110mm pipe

Code **CAP100**



1¼"	1½"	2"
Code	Code	Code

**Synthetic Rubber Cap** for waste pipe

<b>S23MR</b>	<b>T23MR</b>	<b>Z23MR</b>
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- Suitable for waste water and condensate discharge
- Simple dry fixing mechanical connection

### Mechanical Soil Pipe Boss Connectors to suit 57mm hole saw size



- |                     |      |                        |
|---------------------|------|------------------------|
| 4"/110mm x 1¼" pipe | Code | <b>BOSSCONN110-BL</b>  |
| 4"/110mm x 1½" pipe | Code | <b>BOSSCONN110T-BL</b> |
| 4"/110mm x 2" pipe  | Code | <b>BOSSCONN110Z-BL</b> |
| 3"/82mm x 1¼" pipe  | Code | <b>BOSSCONN82-BL</b>   |
| 3"/82mm x 1½" pipe  | Code | <b>BOSSCONN82T-BL</b>  |
| 3"/82mm x 2" pipe   | Code | <b>BOSSCONN82Z-BL</b>  |



- |                     |      |                        |
|---------------------|------|------------------------|
| 4"/110mm x 1¼" pipe | Code | <b>BOSSCONN110-GR</b>  |
| 4"/110mm x 1½" pipe | Code | <b>BOSSCONN110T-GR</b> |
| 4"/110mm x 2" pipe  | Code | <b>BOSSCONN110Z-GR</b> |
| 3"/82mm x 1¼" pipe  | Code | <b>BOSSCONN82-GR</b>   |
| 3"/82mm x 1½" pipe  | Code | <b>BOSSCONN82T-GR</b>  |
| 3"/82mm x 2" pipe   | Code | <b>BOSSCONN82Z-GR</b>  |

- Universal compression connection for pushfit or solvent weld waste pipe
- All boss connectors supplied with fixing tool

### Two-Piece Cast Iron Soil Pipe Boss Connector to suit 22mm drill size for CONDENSATE DISCHARGE ONLY



- |                     |      |                        |
|---------------------|------|------------------------|
| 4"/100mm x 1¼" pipe | Code | <b>BOSS110CAST-BL</b>  |
| 4"/100mm x 1½" pipe | Code | <b>BOSS110TCAST-BL</b> |
| 3½"/90mm x 1¼" pipe | Code | <b>BOSS90CAST-BL</b>   |
| 3½"/90mm x 1½" pipe | Code | <b>BOSS90TCAST-BL</b>  |
| 3"/82mm x 1¼" pipe  | Code | <b>BOSS82CAST-BL</b>   |
| 3"/82mm x 1½" pipe  | Code | <b>BOSS82TCAST-BL</b>  |

### Mechanical Soil and Rainwater Pipe Boss Connectors



- Mechanical Soil and Rainwater Pipe Boss Connector** for 1¼" pipe
- |      |                       |
|------|-----------------------|
| Code | <b>BOSSCONN1.25BL</b> |
| Code | <b>BOSSCONN1.25GR</b> |



- Reducer in ABS** 1¼" plain tail x 19/23mm universal compression connection
- |      |               |
|------|---------------|
| Code | <b>R16-BL</b> |
| Code | <b>R16-GR</b> |



- Mechanical Soil and Rainwater Pipe Boss Connector** for 19/23mm pipe
- |      |                      |
|------|----------------------|
| Code | <b>BOSSCONN-22MM</b> |
|------|----------------------|

### Threaded Boss Connectors



- Straight Connector** 2" BSP male thread x Multifit
- |                       |              |
|-----------------------|--------------|
| 2" BSP x 1¼" Multifit | <b>ZS31M</b> |
| 2" BSP x 1½" Multifit | <b>ZT31M</b> |
| 2" BSP x 2" Multifit  | <b>Z31M</b>  |

### General

- MacFlash Aluminium Roof Flashing offers an alternative to traditional lead roof slates
- The aluminium flashing is manufactured from high grade aluminium and the collar from synthetic rubber, both to British Standards. The collar is die-formed to the aluminium flashing

### Advantages

- MacFlash is quickly and easily installed and offers cost savings in material and labour
- MacFlash is suitable for flat roofs and for roof pitches up to 45°
- MacFlash has special corrugations that can be easily dressed to form a seal
- MacFlash can be used with flue pipes from condensing boilers

**Nominal Pipe Size** 4"/110mm pipe  
**Base Measurements** 18" x 18"

Code **RS1**

**Nominal Pipe Size** 3"/75mm pipe  
**Base Measurements** 18" x 18"

Code **RS4**

**Nominal Pipe Size** 4"/110mm pipe  
**Base Measurements** 18" x 24"

Code **RS2**

**Nominal Pipe Size** 2"/50mm pipe  
**Base Measurements** 18" x 18"

Code **RS7**

**Nominal Pipe Size** 4"/110mm pipe  
**Base Measurements** 24" x 24"

Code **RS3**

