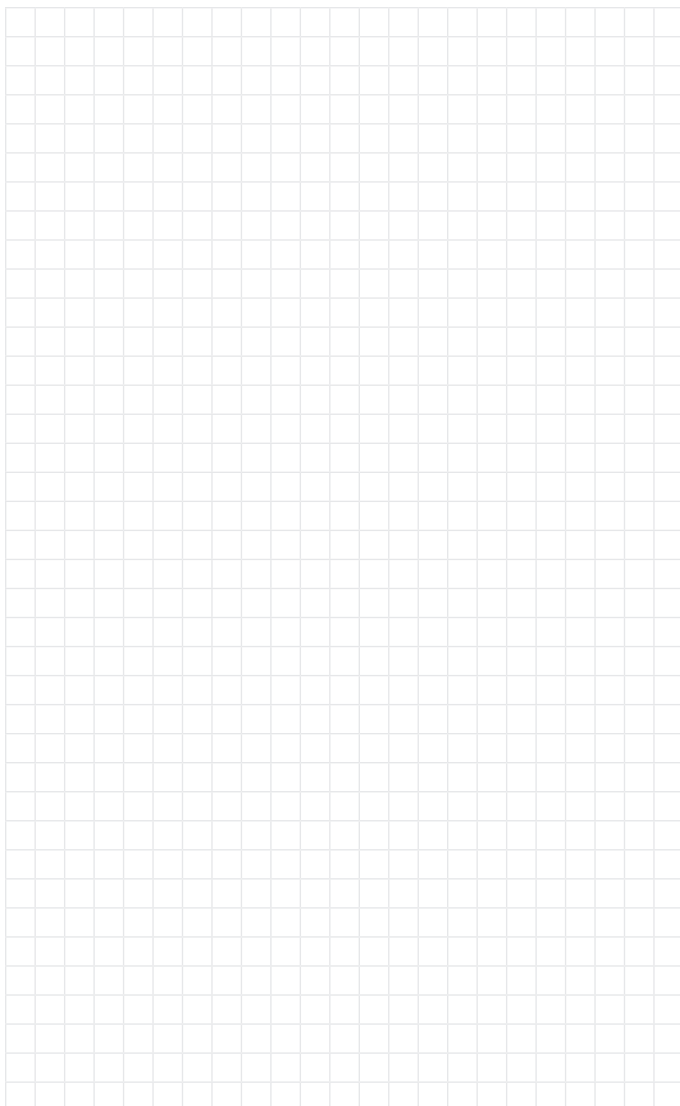# Rainwater Planning & Ordering Guide

How much spouting and how many downpipes do I need for my project?

Planning

**Step 1 -** Draw your roof with accurate measurements in the table below.

Step 2 - Establish how many downpipes are needed using roof plan table (Fig.A) below.

FIG A

Plan area of roof served by the downpipe in m^2

Roof Pitch	Round 65mm/ rectangular 65x50mm	Round 80mm/ rectangular 100x50mm
0°- 25°	60	100
25°-35°	50	80
35°-45°	40	70
45°-55°	35	60

FIG B

Gable End Roof

Ridge

Roof area served by downpipe = 80m^2

8m

10m
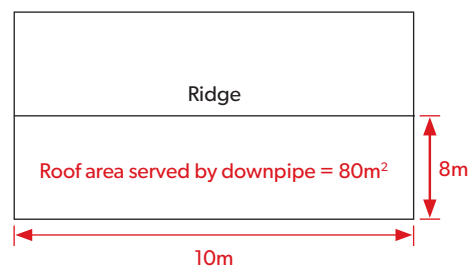
Using the gable end roof example (Fig B) - for a roof area of 80m^2 and a roof angle of 23˚, you will require either of the following downpipe options.

Option 1 - as one RP80® 80mm round/rectangular 100x50mm downpipe services a roof area of 100m^2, then a roof area of 80m^2 would require one downpipe.

Option 2 - as one RP65® 65mm round/rectangular 65x50mm downpipe services a roof area of 60m^2, then a roof area of 80m^2 would require two downpipes.
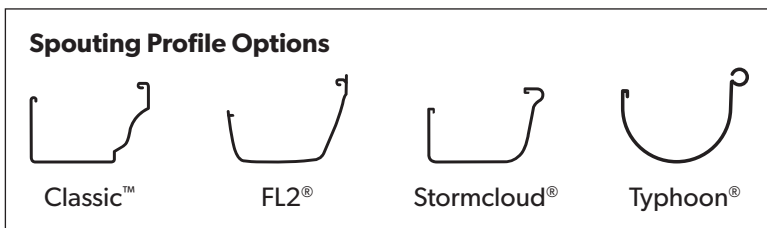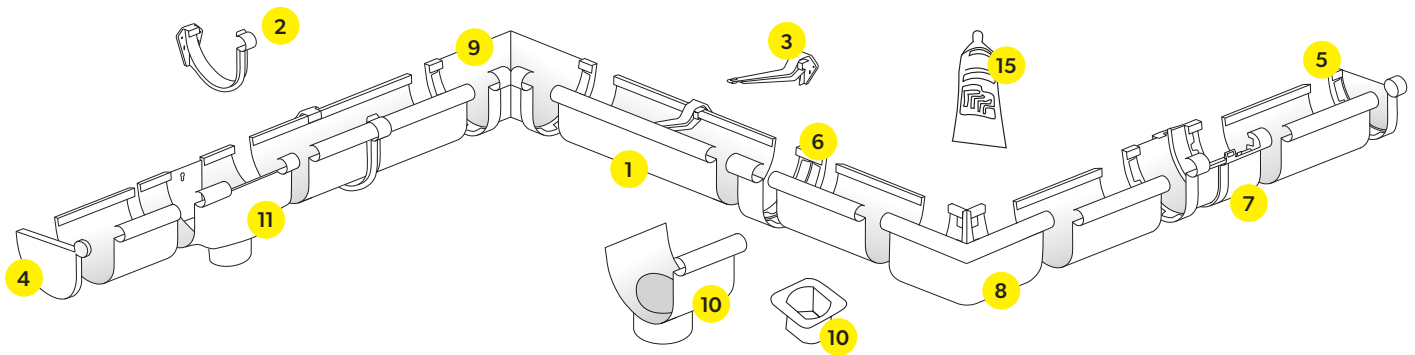
*Based on Average Rainfall Intensity of 100mm per hour.*

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What components do I need?
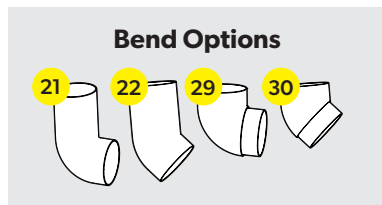
Spouting

Spouting Profile Options

Classic™ FL2® Stormcloud® Typhoon®

Note: Typhoon® spouting system represented above. Shape, functionality and availability of components will vary depending on the chosen spouting system.

Downpipe

Bend Options

21 22 29 30

Spreader Kit   End Cap

26 27

Rainwater Harvesting
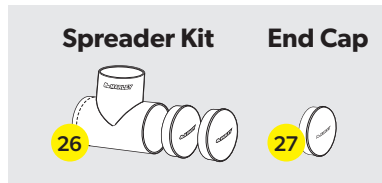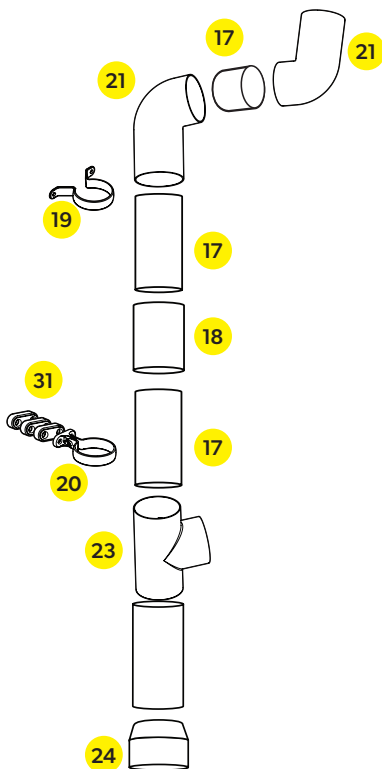
Note: Marley's Typhoon® spouting system and RP80® 80mm round downpipe systems have been used as examples in the diagrams shown on this page - shape, functionality and availability of components will vary depending on the specific spouting or downpipe system.

White Spouting & Downpipe Component Checklist

Please circle the product and indicate the quantity you require. See next page for colour products.

Spouting

	Component	Classic™	FL2®	Stormcloud®	Typhoon®	Quantity Required
1	Spouting 3m length	MC1.3	FL1.3	MS1.3	MT1.3	
1	Spouting 5m length	MC1.5	FL1.5	MS1.5	MT1.5	
2	External bracket	-	FL2E	-	MT2E	
3	Internal bracket	MC2	FL2I	MS2	MT2I	
4	Spouting Stopend (LH)	MC3	FL3	MS3	MT3	
5	Spouting Stopend (RH)	MC4	FL4	MS4	MT4	
6	Spouting joiner	MC5	FL5	MS5	MT5	
7	Expansion joiner	MC17	FL17	MS17	MT17	
8	External corner 90°	MC6	FL6	MS6	MT6	
9	Internal corner 90°	MC7	FL7	MS7	MT7	
11	Expansion outlet 65mm	MC8.65	FL8.65	MS8.65	-	
11	Expansion outlet 80mm	MC8.80	FL8.80	MS8.80	MT8.80	
10	Dropper outlet 65mm (only short runs)	MC11.65	MC11.65	MC11.65	-	
10	Dropper outlet 80mm (only short runs)	MC11.80	MC11.80	MC11.80	MT11.80	
15	Marley MCS® Solvent Cement (180g tube)	MCS	MCS	MCS	MCS	

Downpipe

	Component	RP80® 80mm Round	RP65® 65mm Round	Rectangular 100 x 50mm	Rectangular 65 x 50mm	Quantity Required
17	Downpipe	RP80	RP65	MC140 (not socketed)	MC16 (not socketed)	
18	Downpipe joiner	RS80	RS65	MC149	MC14	
19	Saddle pipe clip	RC80	RC65	MC144	MC22	
20	Adjustable pipe clip	RC80.2	RC65.2	MC144S	MC22S	
31	Adjustable pipe clip spacer	RC80.2S	RC80.2S	-	-	
21	F+F bend - 95°	RB2.80	RB2.65	MC142	MC13	
29	M+F bend - 95°	RB4.80	-	-	-	
22	F+F bend - 43°	RB3.80	RB3.65	MC145 (45°)	MC12 (112°)	
30	M+F bend - 43°	RB5.80	-	-	-	
23	Junction - 95°	RJ80	RJ65	MC148T	MC20 (112°)	
24	Transition adaptor to round - 65mm	-	-	-	MC19.65	
24	Transition adaptor to round - 80mm	RAS80 (AHI 80mm)	RA65.80	MC141.80	MC19.80	
24	Transition adaptor to round - 90mm	RA80.90	RA65.90	MC141.90	-	
24	Transition adaptor to round - 100mm	RA80.100	-	-	-	
26	Spreader kit	SKIT80	-	-	-	
27	End Cap	CS80	-	-	-	

Accessories

Component	Item Code	Quantity Required
Galvanised nails (150)	MCNAILS	
Bracket screws for metal fascia (100)	SCREW.METAL	
Outlet Strainer	RWST	
Untrapped Rainwater Gully	1SD6166	
Curve® Leaf Diverter	CURVE	
Twist® Rainwater Diverter	TWIST	

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Coloured Spouting & Downpipe Component Checklist

When selecting a colour add the corresponding colour extension to the product code.
E.g. MT1.4.**GYF** = Typhoon 4m length in Grey Friars®

Colour code extension

● Black **.BLK** ● Ironsand® **.IRO** ● Grey Friars® **.GYF** ● FlaxBlack® **.FXB** ● Titanium **.TTN** *Typhoon® only* ● Copper **.COP** *Typhoon® only*

Please circle the product and indicate the quantity you require.

Spouting

	Component	Stormcloud®	Quantity Required	Typhoon®	Quantity Required
1	Spouting 4m length	MS1.4.___		MT1.4.___	
2	External bracket	-		MT2E.___	
3	Internal bracket	MS2.___		MT2I.___	
4	Spouting Stopend (LH)	MS3.___		MT3.___	
5	Spouting Stopend (RH)	MS4.___		MT4.___	
6	Spouting joiner	MS5.___		MT5.___	
7	Expansion joiner	MS17.___		MT17.___	
8	External corner 90°	MS6.___		MT6.___	
9	Internal corner 90°	MS7.___		MT7.___	
11	Expansion outlet 65mm	MS8.65.___		-	
11	Expansion outlet 80mm	MS8.80.___		MT8.80.___	
10	Dropper outlet 80mm (only short runs)	MC11.80.___		MT11.80.___	
15	Marley MCS® Solvent Cement (180g tube)	MCS.___		MCS.___	

Downpipe

	Component	RP80® 80mm Round	Quantity Required
17	Downpipe	RP80.___	
18	Downpipe joiner	RS80.___	
19	Saddle pipe clip	RC80.___	
20	Adjustable pipe clip	RC80.2.___	
31	Adjustable pipe clip spacer	RC80.2S.___	
21	F+F bend - 95°	RB2.80.___	
29	M+F bend - 95°	RB4.80.___	
22	F+F bend - 43°	RB3.80.___	
30	M+F bend - 43°	RB5.80.___	
23	Junction - 95°	RJ80.___	
24	Transition adaptor to round - 90mm	RA80.90.___	
24	Transition adaptor to round - 100mm	RA80.100.___	
26	Spreader kit	SKIT80.___	
27	End Cap	CS80.___	

Accessories

Component	Item Code	Quantity Required
Galvanised nails	MCNAILS	
Bracket screws for metal fascia (100)	SCREW.METAL	
Outlet Strainer	RWST	
Untrapped Rainwater Gully	1SD6166	
Curve® Leaf Diverter	CURVE.___	
Twist® Rainwater Diverter	TWIST.___	

FlaxBlack® is a colour match for NZ Steel's COLORSTEEL® FlaxPod®. Marley NZ Ltd is not affiliated with NZ Steel Ltd. Note gloss levels may vary between building materials.
Actual colours may vary slightly from those shown. For a more accurate colour comparison, please request a product sample.

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