

Marley RP65[®] Downpipe System

Marley New Zealand uPVC downpipe systems are designed to efficiently transfer rainwater from spouting to stormwater systems.

RP65[®] 65mm Round Downpipe System:

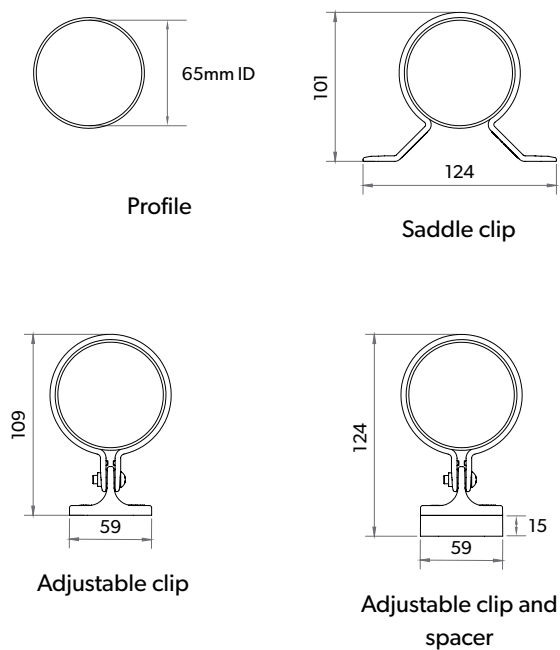
- › Manufactured from uPVC.
- › Will not rust.
- › Smooth internal bore to aid flow.
- › UV resistant.
- › Adjustable clips with spacers suit any cladding variation.
- › Compatible with the following Marley spouting systems: Classic[™], Stormcloud[®] and FL2[®].

Colours available:



White

Technical Details – RP65[®]



Components of the system

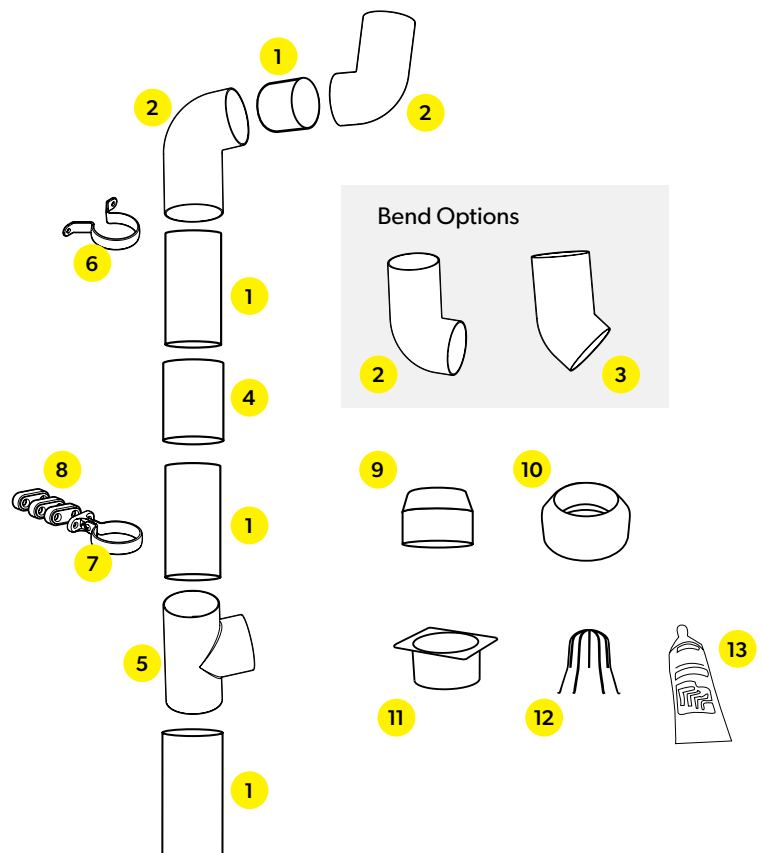


Table 1: System Components

COMPONENT	WHITE
1 RP65® 65mm 3m Length	RP65
2 95° F+F Bend 65mm	RB2.65
3 43° F+F Bend 65mm	RB3.65
4 Jointing Socket 65mm	RS65
5 95° Junction 65mm	RJ65
6 Pipe Clip-Saddle 65mm	RC65
7 Pipe Clip Adjustable 65mm	RC65.2
8 Pipe Clip Adjustable Spacer 65mm	RC80.2S
9 Adaptor 65 to 90mm	RA65.90
10 Adaptor 80 to 80mm	RA65.80
11 Dropper Outlet	MC11.65
12 Outlet Strainer	RWST
13 Solvent Welding Cement 180g Tube	MCS

Most of the products mentioned in Table 1 are manufactured by Marley NZ, however some of them may be sourced from reputable companies.

Manufacturer

Marley New Zealand Limited

- › 32 Mahia Rd, Manurewa, Auckland – New Zealand
- › 0800 627539
- › www.marley.co.nz
- › info@marley.co.nz
- › NZBN: 9429038863431

Others

Bostik New Zealand Ltd

- › 19 Eastern Hutt Road, Wingate, Lower Hutt, Wellington 5019
- › www.bostik.com
- › nzsales@bostik.com

Relevant Building Code Clauses

Marley RP65® 65mm round downpipe system when used, installed, and maintained in accordance with the requirements outlined in this document, will meet or contribute to meeting:

- › NZBC Clause B2: Durability. Exceeds the requirement NZBC B2.3.1 c) 5 years.
- › NZBC Clause E1: Surface Water. Meets the requirements for NZBC E1.3.3 (a), (b), and (d).
- › NZBC Clause F2: Hazardous Building Materials. Meets this requirement and will not present a health hazard to people.

Quality Assurance

Product batch release testing is conducted by Quality Control systems according to manufacturing standards at the site of manufacture. All product compliance validation is conducted at the Marley IANZ Registered Laboratory (IANZ 92).

Limitations on the use

Marley uPVC spouting and downpipe systems are suitable **ONLY** as external spouting and downpipes and are **NOT** suitable for use as a concealed system or as internal spouting and downpipes.

RP65® downpipe should not be buried. Marley's Stormline® stormwater or OPTIM® DWV pipe should be used for this application.

Guarantee

Marley guarantees the purchaser of Marley spouting or downpipe products against defects in material and manufacture for a period of 15 years from the original date of purchase. For more information refer to [Marley Guarantee](#).

Design

Flow Characteristics

Marley uPVC spouting and downpipe systems have been designed to optimise the discharge of water. Selection of spouting profile and downpipe size is dependent upon the roof catchment area and the rainfall intensity for the region where the product is being installed. Applying fall to the spouting improves the flow and the location of the downpipe outlets can also influence the flow. NZBC Clause E1 - Surface Water references downpipes and spouting in Acceptable Solution Clause 4.

MARLEY PRODUCT	DOWNPIPE SIZE	ROOF PITCH			
		0° - 25°	25° - 35°	35° - 45°	45° - 55°
	Minimum internal size	Roof plane area served by the downpipe (m ²)			
RP65® (ID: 65mm)	63mm diameter	60	50	40	35
RP80® (ID: 76mm)	74mm diameter	85	70	60	50

Table is based on BRANZ Bulletin - Issue 509

Colour durability

Over time the components of the Marley spouting and downpipe system will weather, as is customary with many exterior finishes. Weathering will not affect the long-term durability of the system. The rate at which colour fading occurs will be dependent on the environmental conditions the product is exposed to, including UV levels, pollution and building orientation.

Installation

- › Prior to connecting downpipes, ensure spouting outlets have been installed as per spouting installation instructions.
- › When measuring downpipe lengths for cutting, allow for the socket or spigot depth of any components such as outlets, bends, and joiners.
- › Use a plumb line to mark where the downpipe will sit against the wall. Ensure downpipe clips are installed as per the following sections.
- › RP65® is socketed at one end so joiners are not required to join two lengths of pipe.
- › The downpipe assembly should be solvent jointed together using only Marley MCS solvent cement.
- › However, the downpipe assembly should not be glued to the spouting outlet. It should be screwed to the outlet with a stainless-steel screw. This allows for easy removal for maintenance or repair.
- › In accordance with the relevant codes, downpipe can be connected to a stormwater or surface outlet, or access pit. Do not connect downpipe to a wastewater gully trap.

Installing downpipe clip

A. Downpipe clip options

Two downpipe clip options are available. A standard saddle pipe clip or an adjustable pipe clip with optional spacers. The latter offers greater install flexibility on multi-storey houses that feature variations in cladding, or an angled weatherboard.

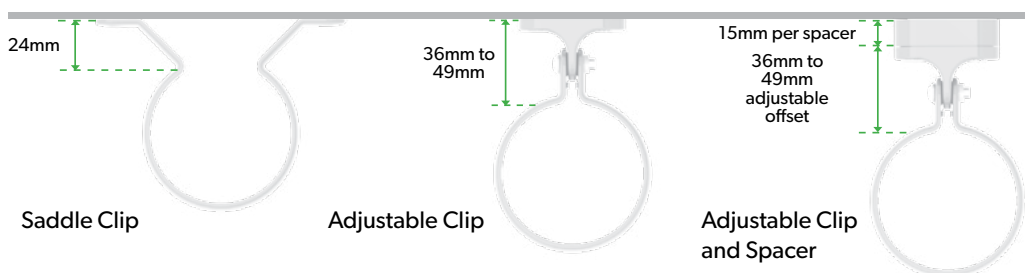
Pipe clip saddle 65mm (RC65)



Adjustable pipe clip 65mm (RC65.2)



Adjustable pipe clip spacer (RC80.2S)



B. Angled cladding systems

The RC65.2 adjustable clip features 180° angular adjustment to fit any angled wall cladding surface.

C. For vertical downpipe installation

Place the top downpipe clip a maximum of 200mm from the bend or outlet using two stainless steel screws. Ensure the second and subsequent clips are spaced no more than 1.2m apart.

D. For horizontal downpipe installation

Place the first downpipe clip no more than 200mm from the bend or junction. Ensure the second and subsequent clips are no more than 1.0m apart. Horizontal downpipe should always be installed with a fall away from the spouting.

For more information refer to [Marley Stratus Design Series – Design and Installation Guide](#) Section 4.

Maintenance requirements

- › Wash your Marley spouting and downpipe system at least once a year. Use warm soapy water.
- › If painting white spouting or downpipe, thoroughly clean the surface first. Apply one coat of acrylic undercoat, followed by one coat of acrylic topcoat. Apply a second top coat if necessary. Use only light colours.

For more information refer to [Marley Rainwater Systems Maintenance Schedule](#).

Warning and/or Bans

RP65® system is not subject to any warning or ban.