

SERIES 13

INSTALLATION GUIDE

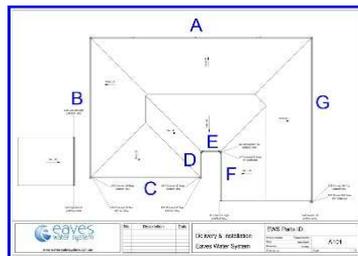
gutter and system components



Quality Installation is important. Eaves Water System is a premium product designed to look great, protect your home, provide the best possible water collection system and deliver a long life, low maintenance solution. General instructions are printed on the reverse of this guide comprehensive details

1/ Delivery

Inspect condition and confirm the order is complete as soon as possible after delivery. Identify each of the components gutter lengths will be labelled internally with a letter A, B, C, corresponding to the plan.



4/ Straight cut to length

Mark 2 square lines around the metal profile approx 60 mm apart and cut progressively along each line folding the offcut clear.



2/ Set out

Position the first gutter bracket 150 mm - 300mm from end of fascia for external and 450 mm for internal corners and use a string-line to set min fall 5 mm. Maximum spacing 1000mm and use centre bracket to cover joins. Attach aluminium brackets using at least two screws and lever bracket clip in place. 5mm and 15 mm packers may be fitted if the fascia is not straight.



5/ 60mm Slip Joint preparation

Minimum overlap 60mm. To allow clearance cut away approx 65mm of top channel, and 60 mm of the front lip. Tapper cut vertical back surface approx 20mm. Open out front edge slightly and engage base of gutter first. Apply two beads of sealant assemble crimp front edge back to shape and rivet as per end caps. joins on equal lengths are concealed by bracket.



3/ Fitting Connecting Components

All components are sealed with Roof and Gutter sealant and riveted 4 places as per photo above. The Base of all corner components is attached to gutter using sealant and rivets and Top is fitted after the metal gutter is in position.

6/ Fixing Eaves Water System

Position gutter, fit all remaining connectors apply sealant and fix with rivets. Use template to pre drill 3mm hole and fix bracket half way up the front curve using paint screws and ensure 8mm front gap is parallel and gutter is straight.

PLANNING THE JOB

Measure order and delivery

Accurately measure the length of each gutter section and determine the correct components required to complete the installation. Gutter can be supplied to the measured length or from a plan.

When it is not practical to measure accurately allow sufficient to trim to length on site.

N. B. Lengths >7m will be supplied as 2 equal half lengths and matching lengths will be identified with a letter matching the plan. See Tip ? Slip joint procedure. (See Tip: cutting to length instruction)

Inspect condition and confirm the order is complete as soon as possible after delivery.

Site preparation and safety

Fascias should be checked for straightness and general condition and necessary repairs completed prior to installation. Identify any services, cables or other objects attached to the fascia that may impede the installation and relocate to allow clearance for the gutter as required.

If power supply requires relocation this work should be completed by a qualified tradesperson.

Eaves Water System products are well packaged when delivered. Identify a safe convenient location to store the materials. Packaging will protect the product and should only be fully removed as required.

FITTING EAVES WATER SYSTEM

General Instructions

Avoid over reaching and always arrange safe access with stable working platforms, take care as falls from ladders can result in serious injuries. Sharp metal edges can cause cuts and protective gloves and footwear is recommended.

Eaves products do NOT contain any hazardous materials.

Planning

Plan the install process and identify the most practical start and finish point. Consideration should be given to access and on a perimeter gutter last join should be a 90 degree external corner if possible.

Compliance

Eaves Water system meets the requirements of AS/NZS 3500.3 Section 3 Roof Drainage System Design and should be installed in accordance with Section 4 Roof Drainage System Installation.

NCC Section 3.5.2 describes generally the Roof gutter Application, Materials, Selection, and installation.

Plumbing Code of Australia - Performance Requirements and Deemed to Satisfy Provisions

reference to Australian Building Code Board AU.NCC2 (National construction code) and AS/NZ 3500.3.

Rainfall Capacity

Eaves Water System Series 13 has a cross sectional area of 8000 mm² measured in accordance with AS/NZ 2179.

Determine catchment area, slope and calculate ARI (Average Rainfall Index) using Appendix D, E, and F of 3500.3

Use method as described in 3500.3 Section 3.5.4 when calculating the number of downpipes required.

Eaves Water System enclosed metal profile design eliminates flooding and exceeds all overflow requirements.

Installation

Eaves Water System installation method and the expertise and equipment required is generally the same as traditional open eaves gutter systems and it eliminates the requirement for leaf guard solutions.

It is recommended installation is completed by a Licensed Builder or Tradesperson with experience in

installing roof water management systems. N.B. Local regulations may extend beyond this recommendation.

Safe supports (trestles or horses) at a convenient working height assist with preparation and most

connector components can be safely fitted at ground level before the gutter is attached to the fascia.

Cutting with grinders / cut-off wheels is not recommended, overheating and metal sparks may damage the paint surface.

Damage of this nature can lead to early onset of corrosion and shorten the lifespan of the metal gutter.

Useful equipment and tools suggested include Tin snips, Hole Saws, Drill, Pop rivet pliers, Sealant applicator gun,

Tape, Square and Bevel, String lines, Levels or Lasers, 3mm Pop rivets, non-corrosive Sealant and touch up paint.

Instructions 1 -5 deal with best practice and methods to assist with efficient installation and quality finish.