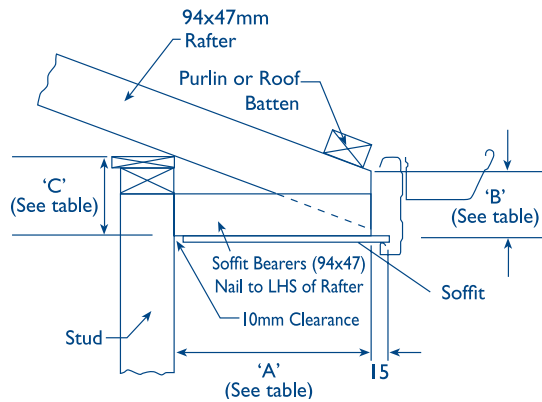


3.4.4.1 FASCIA 147 INSTALLATION GUIDE

METAL TILES AND METAL ROOFS

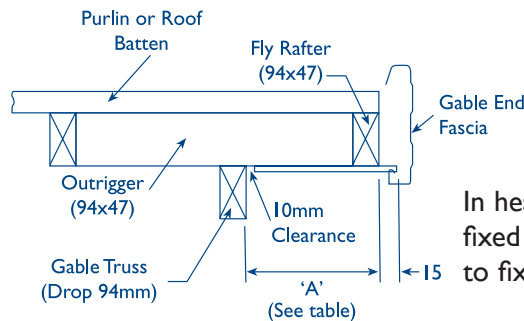


Hip & Gable Roof – Eaves Detail

Soffit Width mm	300	450	600	750	900
Dimension 'A' mm	295	445	595	745	895

Note:

- A 10mm soffit clearance has been allowed for.
- Soffit bearers fixed to LEFT hand side of rafter (viewed from outside).



Gable End Detail

Soffit Width mm	300	450	600
Dimension 'A' mm	295	445	595

In heavy snowfall areas, brackets and snow straps must be fixed at 450mm centres. In high wind areas it is advisable to fix the brackets at 600-700mm centres maximum.

Roof Pitch (Degrees)	Drop Heights – Dimension 'C' (mm)					Dim 'B' (mm) Toe Cut Gable Roof Only
	Soffit Width (mm)					
	300	450	600	750	900	
10	60	90	120	150	180	105
12.5	72	107	142	177	212	105
15	83	123	163	204	244	105
17.5	98	145	192	240	287	105
20	113	167	222	277	331	105
22.5	129	191	253	315	377	105
25	145	215	284	354	424	104
30	170	255	340	425	510	109
35	206	309	412	515	618	115
40	247	370	494	617	741	123
45	280	420	560	700	840	133

Dim 'B' (mm) for hip roofs is 105mm.

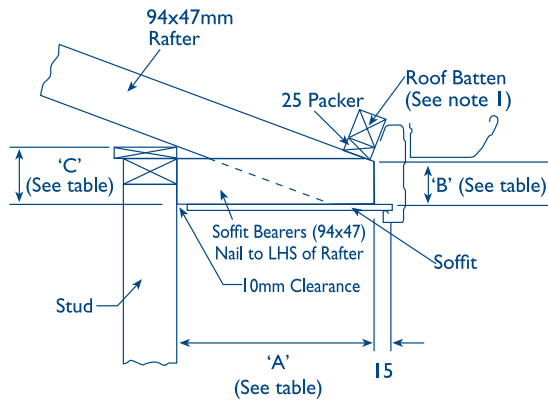
Notes for Installers

1. To ensure birds can not enter the roof space, there should be no gap between the bottom purlin and the back face of the gutter after the system has been installed.
2. The 147 small panel fascia system is suitable for use with metal tiles and roofs with sloping soffits up to 22.5° roof pitch.
3. For gable end roofs, outriggers to be from finished timber sizes 94mm x 47mm i.e. gable end truss drop 94mm.
4. Over 25° roof pitch, a kickout is required on all gable ends.
5. NOTE: Soffit bearers are required on all hip corners and should be cut back 20mm to allow free movement of the spouting.
6. Zinalume coated gutters should have a minimum fall of at least 1:500 and should not have permanent ponding.
7. Where loose fill insulation is used, the soffit must be blocked off at the top plate to prevent the insulation coming into contact with the metal fascia.

Check with your nearest distributor for further details.

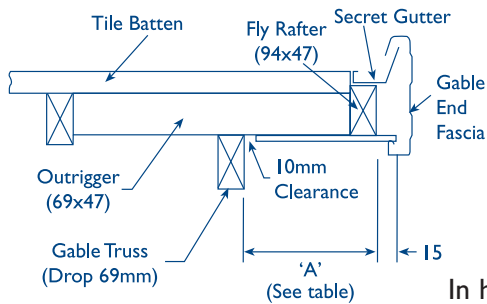
3.4.4.2 FASCIA 147 INSTALLATION GUIDE

CONCRETE TILE ROOFS



Hip & Gable Roof – Eaves Detail

Soffit Width mm	300	450	600
Dimension 'A' mm	295	445	595
Note:			
<ul style="list-style-type: none"> • A 10mm soffit clearance has been allowed for. • Soffit bearers fixed to LEFT hand side of rafter (viewed from outside). 			



Gable End Detail

Soffit Width mm	300	450	600
Dimension 'A' mm	295	445	595
Note: Finished timber sizes			
<ul style="list-style-type: none"> • Outriggers 69mm x 47mm • Fly rafter 94mm x 47mm 			

In heavy snowfall areas, brackets and snow straps must be fixed at 450mm centres. In high wind areas it is advisable to fix the brackets at 600-700mm centres maximum.

Roof Pitch (Degrees)	Drop Heights – Dimension 'C' (mm)					Dim 'B' (mm) Toe Cut Gable Roof Only
	Soffit Width (mm)					
	300	450	600	750	900	
17.5	72	119	166	213	261	85
20	84	141	195	250	305	88
22.5	101	163	226	288	350	91
25	117	187	257	327	397	95
30	150	237	323	410	497	100
35	187	292	397	502	607	112
40	227	353	479	605	731	124
45	275	425	575	725	875	135

Dim 'B' (mm) for hip roofs is 80mm.

Notes for Installers

1. To ensure birds can not enter the roof space, there should be no gap between the bottom purlin and the back face of the gutter after the system has been installed.
2. The 147 small panel fascia is not suitable on concrete tile roofs with sloping soffits.
3. For concrete tile gable end roofs, outriggers to be from finished timber sizes 69mm x 47mm i.e. gable end truss drop 69mm.
4. Over 25° roof pitch, a kickout is required on all gable ends.
5. NOTE: Soffit bearers are required on all hip corners and should be cut back 20mm to allow free movement of the spouting.
6. Zinalume coated gutters should have a minimum fall of at least 1:500 and should not have permanent ponding.
7. Where loose fill insulation is used, the soffit must be blocked off at the top plate to prevent the insulation coming into contact with the metal fascia.

Check with your nearest distributor for further details.

3.4.7 MAINTENANCE REQUIREMENTS

Regular washing of all surfaces not normally washed by rainfall (called 'unwashed areas') needs to be done with clean fresh water. Regular washing may be anything from 3 monthly to 12 monthly periods. Washing should either be with a stiff soft bristled brush or water blasting at a pressure of 1500-2000 psi.

Care needs to be taken to avoid driving water into the soffit ends and roof space, by working away from soffit joints.

Should the fascia panel or parts of it become corroded over time, it must be repaired when it is first noticed. We recommend the corrosion is neutralised, then corrosion cleaned off, fascia washed down to remove dirt, oils and any grease or silicone, before priming and applying two coats of acrylic roof paint to the paint manufacturer's recommendation.

Alternatively, badly corroded lengths should be replaced, but expect colour variations due to paint fade that may not be acceptable or aesthetically pleasing for the end user.

3.4.8 TEST RESULTS

Regular material quality tests are carried out by our coil suppliers to ASTM....

Dimond have tested 185 fascia for snow load to ensure it does not detach from the fixing brackets under a sliding 1.5 kPa snow fall on a 15° roof slope. The panel stayed attached to the fixing brackets.

3.4.9 QUALITY ASSURANCE

As part of Dimond's commitment to ensuring best quality and consistent manufacture, we run consistent quality checks on the products we produce to ensure the product meets our specifications for dimension tolerances.

3.4.10 PRODUCT SUPPORT

Contact details for Dimond:

National Sales: 0800 DIMOND (0800 346 663)

Technical: 0800 ROOFSPEC (0800 766 377)