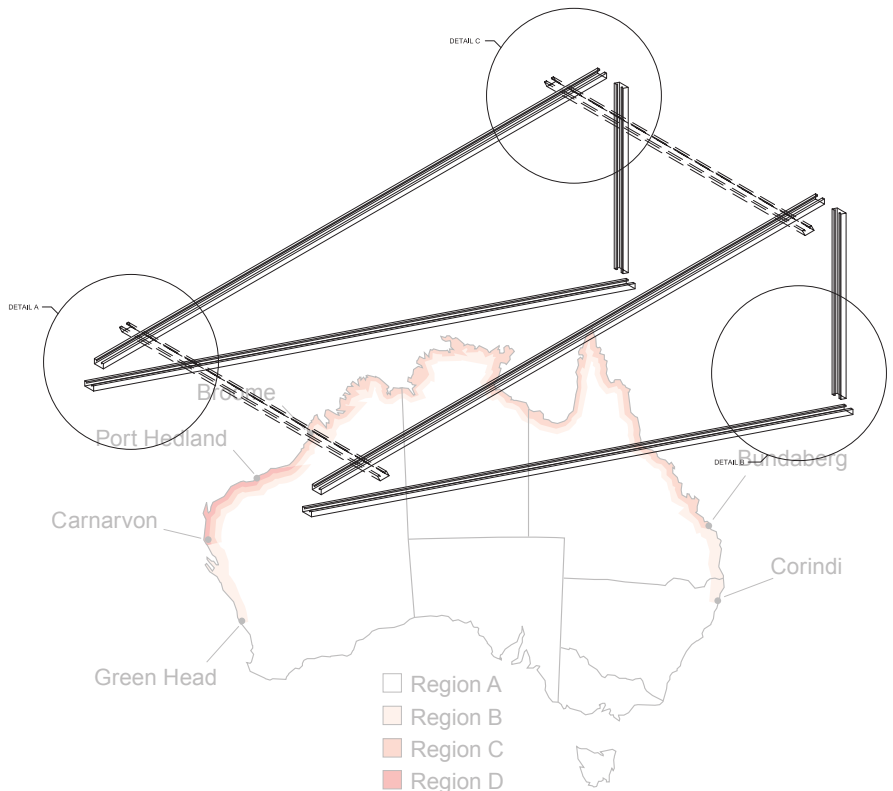




Product Guide

Solar Collector Frames – High Wind Areas (Cyclone Rated)





Contents

Explanatory Notes	1
Steel Roof Frames	
PK1017	1 panel steel roof 1150 rail 2
PK1018	2 panel steel roof 1150 rail 3
PK1039	2 panel steel roof 2300 rail 4
Tiled Roof Kits	
PK1032	1 panel flat roof frame 5
PK1036	2 panel tiled roof 1150 rail 6
PK1037	2 panel tiled roof 2300 rail 7
Flat Roof Frames	
PK1031	1 panel flat roof 2300 rail 8
PK1035	2 panel flat roof frame 9
PK1042	3 panel flat roof frame 10



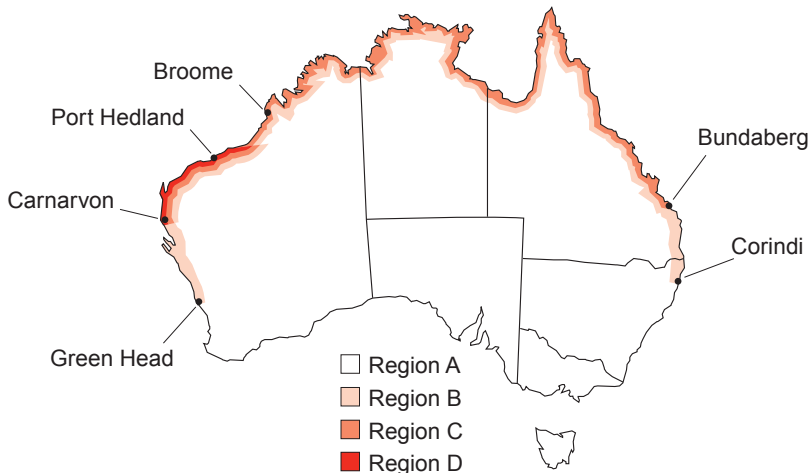
Explanatory Notes

Dux High Wind area frames are designed and engineered for cyclone conditions, according to AS/NZS 1170.2:2002 Wind Actions.

Please note the following:

1. Roof must be designed to accept weight of frame and panels (150kg).
2. All fasteners and fixings must be galvanised.
3. Maximum rafter spacing shall be 1200mm for custom orb and 1400mm for trimdeck. For spans greater than this, consult a structural engineer.
4. Design wind loading: Region C, Category 1 and Category 2 to AS/NZS 1170.2:2002.
5. Maximum height above ground: Region C – 10 meters.

These frames are **not** rated for Region D.
For more detail, refer to AS/NZS 1170.2:2002



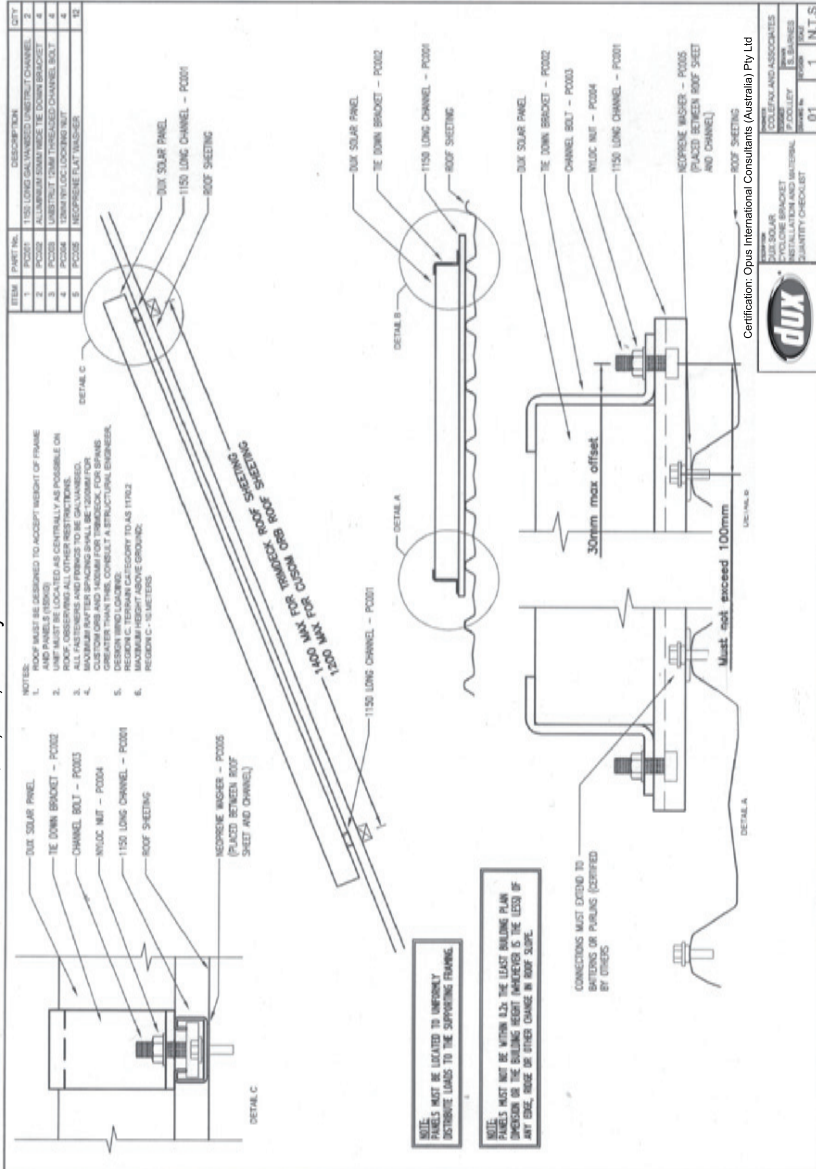


Steel Roof Frames

PK1017

1 panel steel roof 1150 rail

QLD, N.T., W.A cyclone rated



Please refer to the Explanatory Notes on page 1 of this document.

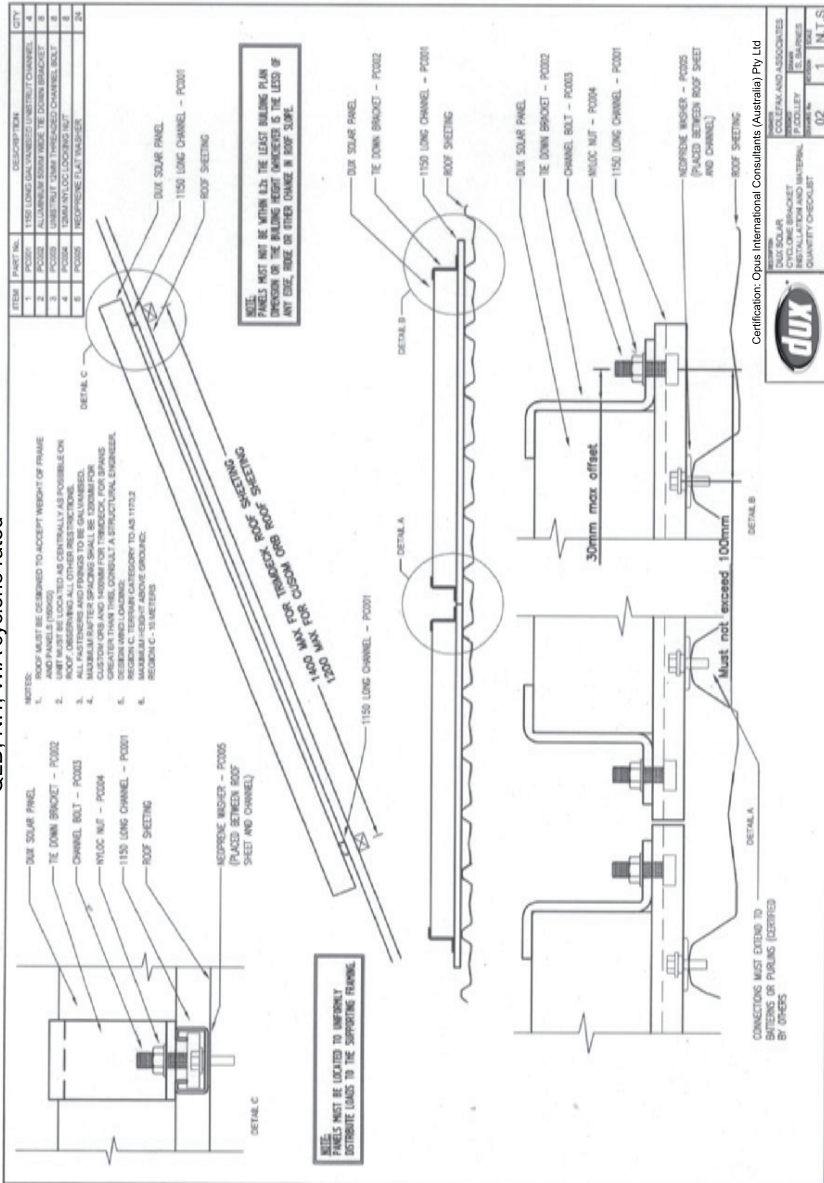


Steel Roof Frames

PK1018

2 panel steel roof 1150 rail

QLD, N.T, W.A cyclone rated



Please refer to the Explanatory Notes on page 1 of this document.

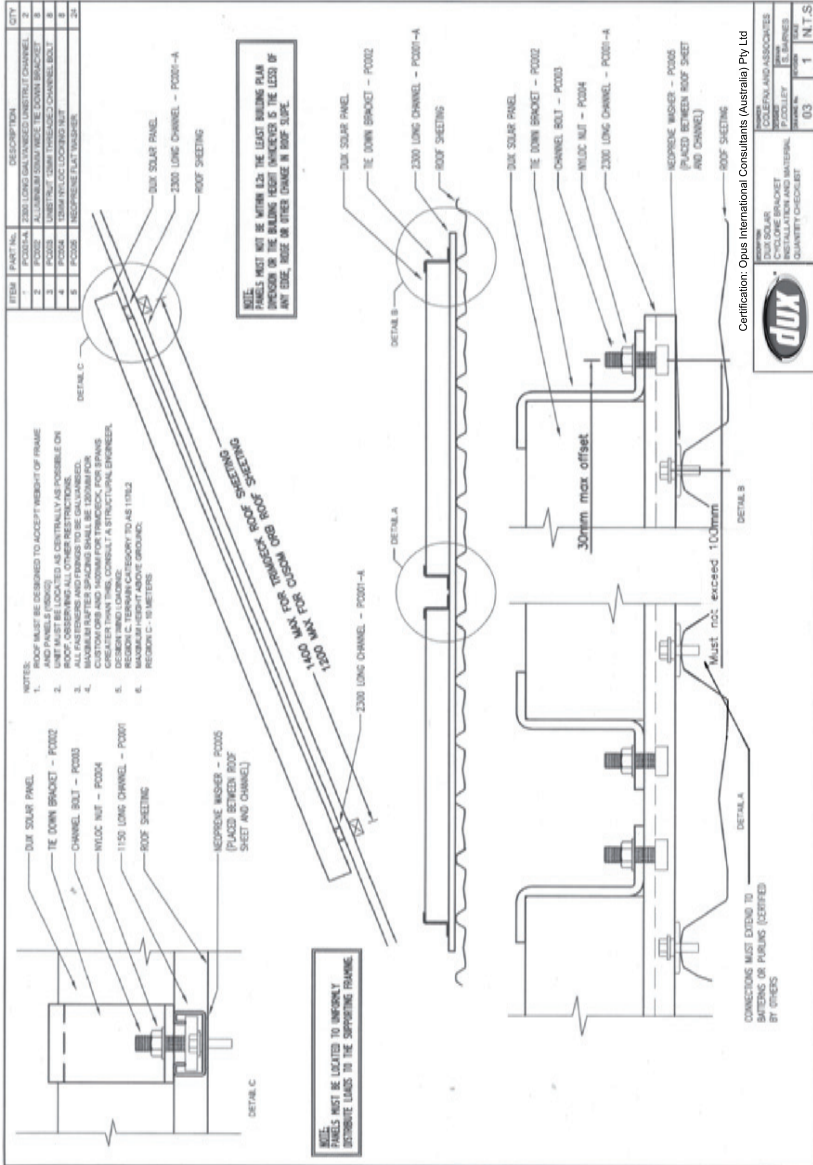


Steel Roof Frames

PK1039

2 panel steel roof 2300 rail

QLD, N.T, W.A cyclone rated



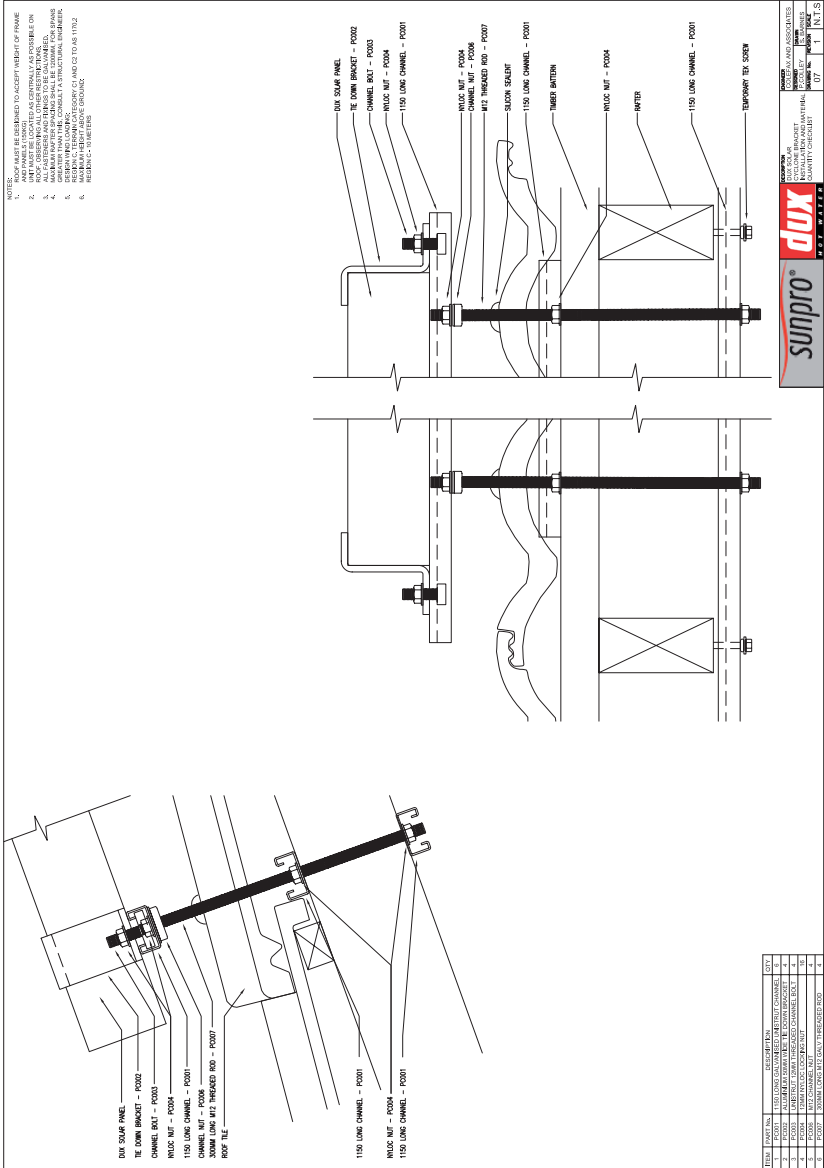
Please refer to the Explanatory Notes on page 1 of this document.



Tiled Roof Kits

PK1032

1 panel flat roof frame



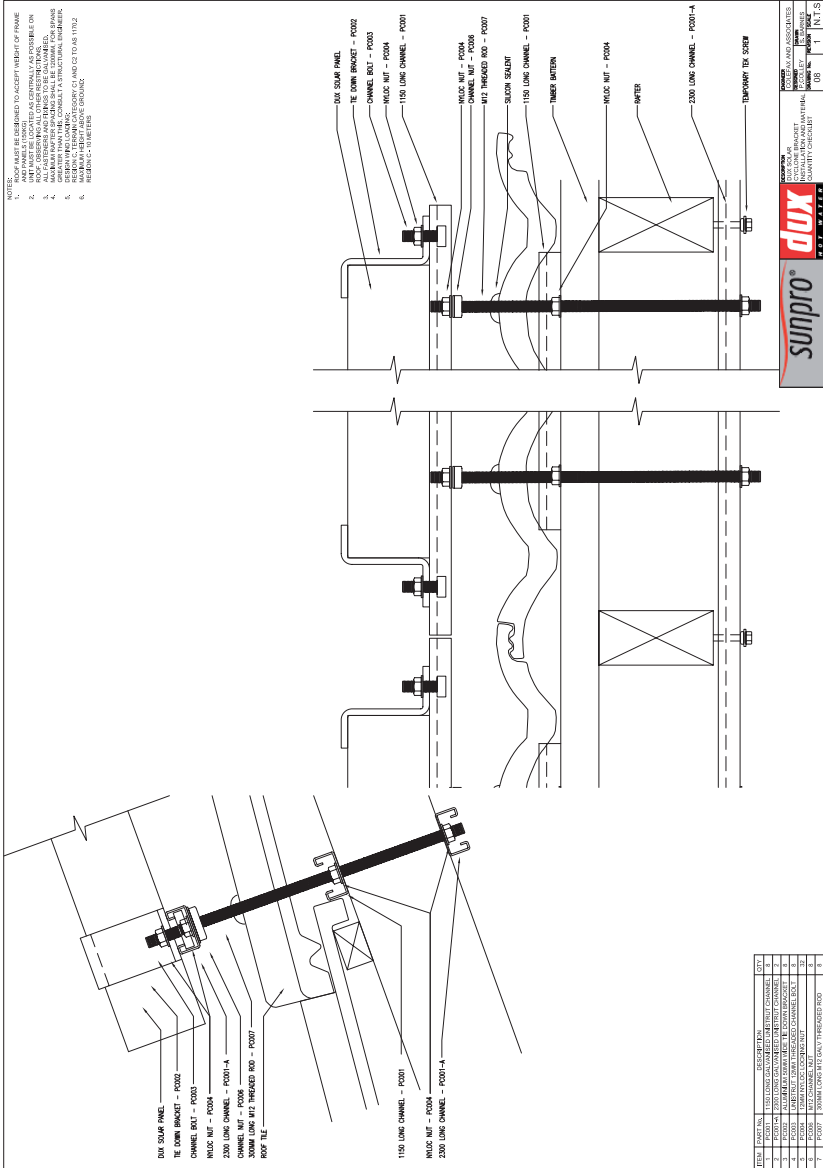
Please refer to the Explanatory Notes on page 1 of this document.



Tiled Roof Kits

PK1036

2 panel tiled roof 1150 rail



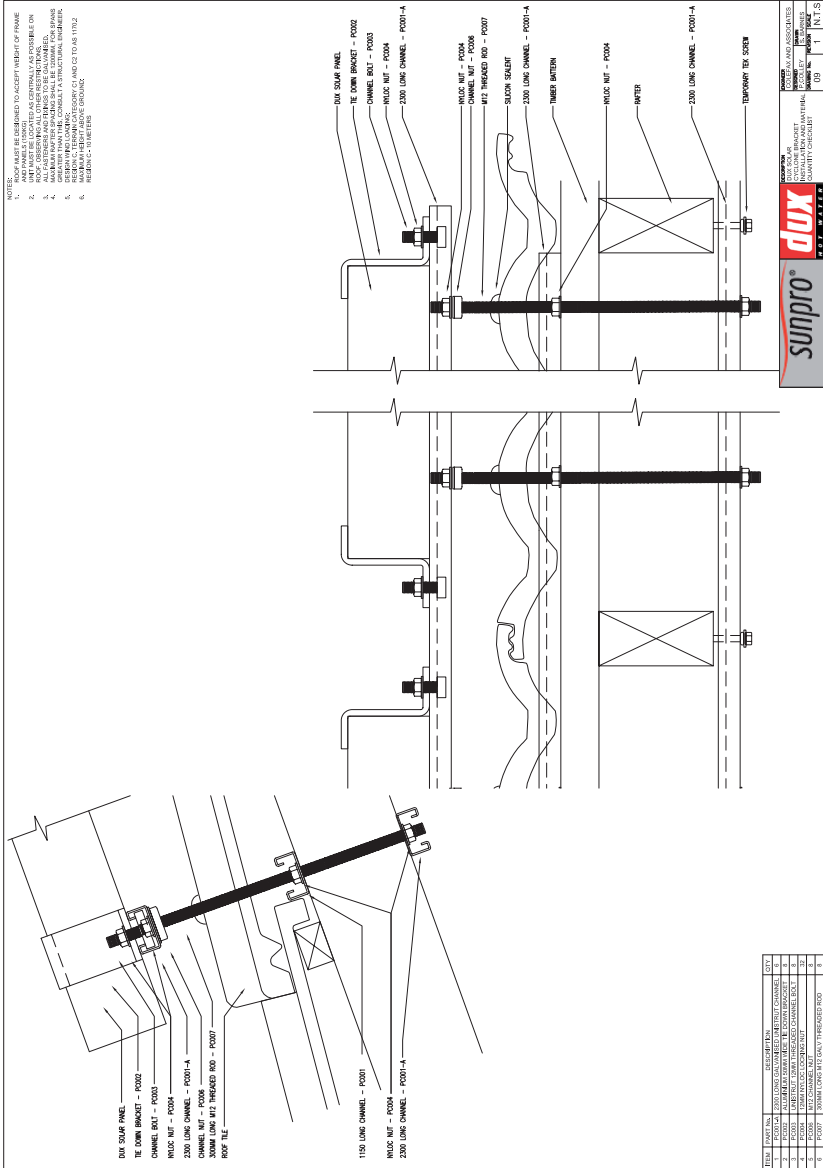
Please refer to the Explanatory Notes on page 1 of this document.



Tiled Roof Kits

PK1037

2 panel tiled roof 2300 rail



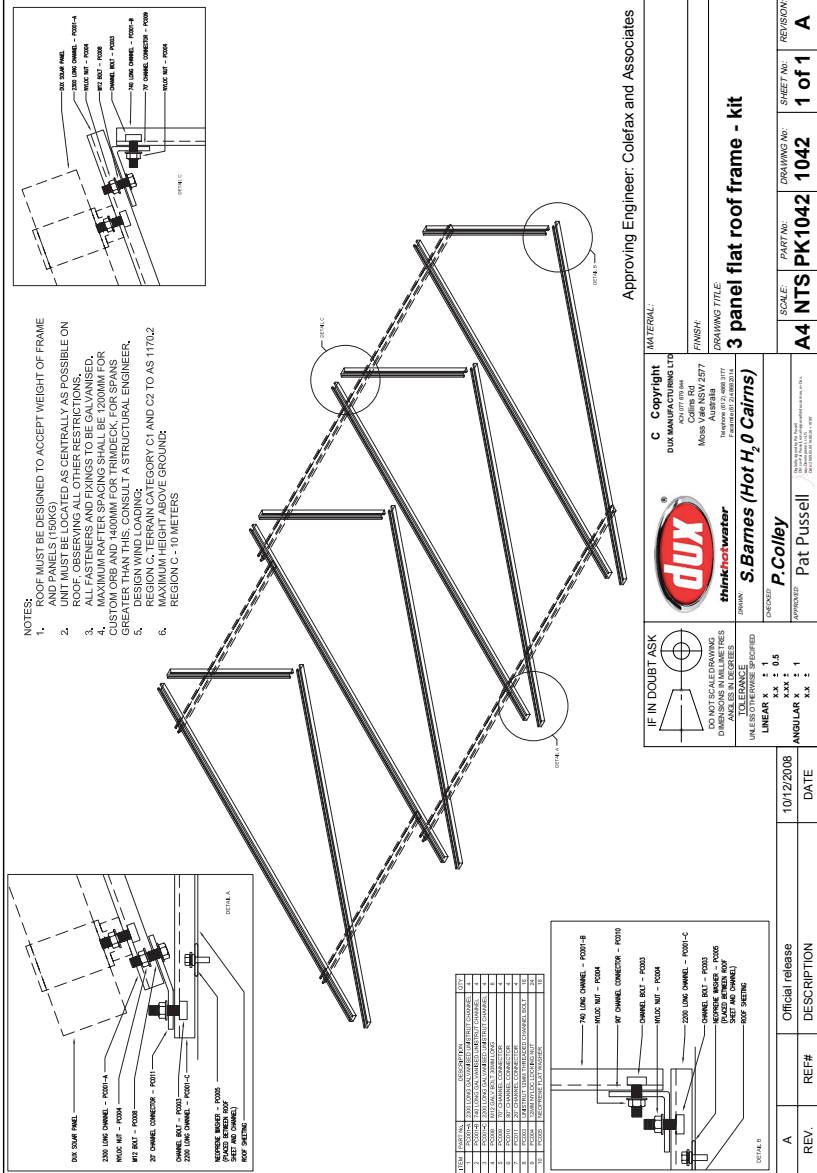
Please refer to the Explanatory Notes on page 1 of this document.



Flat Roof Frames

PK1042

3 panel flat roof frame



- NOTES:**
1. ROOF MUST BE DESIGNED TO ACCEPT WEIGHT OF FRAME AND PANELS (LOADS) AS CENTRALLY AS POSSIBLE ON ROOF JOISTS OR BE INDICATED AS POSSIBLE ON ROOF JOISTS OR OTHER RESTRICTIONS.
 2. ALL FASTENERS AND FIXINGS TO BE GALVANISED.
 3. MAXIMUM RAFTER SPACING SHALL BE 1200MM FOR CUSTOMER AND 1400MM FOR TRINDECK FOR SPANS UP TO 10 METERS.
 4. DESIGN WIND LOADS TO BE AS STRUCTURAL ENGINEER, REGION C, TERRAIN CATEGORY C1 AND C2 TO AS 1170.2
 5. MAXIMUM HEIGHT ABOVE GROUND:
 6. REGION C - 10 METERS

IF IN DOUBT ASK

DO NOT SCALE DRAWING
DIMENSIONS IN MILLIMETRES
UNLESS OTHERWISE SPECIFIED

TOLERANCE

LINEAR: x x ± 0.5
ANGULAR: x x ± 1

APPROVING ENGINEER: Colefax and Associates

MATERIAL:

C Copyright
DUX Manufacturing Limited
222 Pitt Street
Collins Rd
Mass Ave
AUS 3000
Ph: 08 9437 2277

FINISH:

FRAMING TITLE:
3 panel flat roof frame - kit

DRWING:
S. Barnes (Hot H₂O Cairns)
Revision 012.0 10/12/2008

DESIGNED:
P. Colley

APPROVED:
Pat Pussell

Pat Pussell is a registered structural engineer in Queensland, Australia.

REV. A	REF#	DESCRIPTION	DATE
		Official release	10/12/2008

SCALE:	PART NO:	DRAWING NO:	REVISION:
A4	PK1042	1042	A
SHEET NO:	1 of 1		

Please refer to the Explanatory Notes on page 1 of this document.









Solar Collector Frames – High Wind Areas (Cyclone Rated)