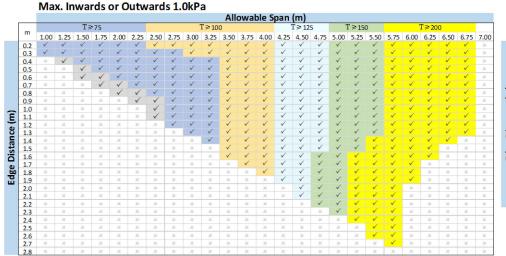
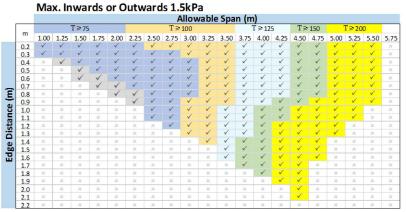
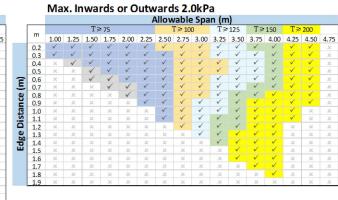
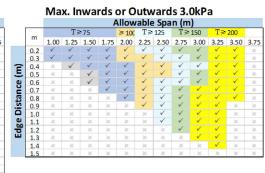
300x300MM PENETRATIONS ON 0.5MM & 0.6MM SOLARSPAN ROOFS

450x450MM PENETRATIONS ON 0.5MM & 0.6MM SOLARSPAN ROOFS









Max. Inwards or Outwards 1.0kPa





Max. Inwards or Outwards 2.0kPa Allowable Span (m) 1.00 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.25 3.50 3.75 4.00 4.2

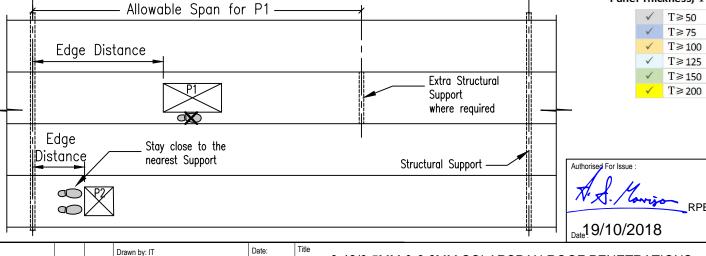
	Max. Inwards or Outwards 3.0kPa												
		Allowable Span (m)											
	m	T≥100			T≥125		≥150		T≽	200			
		1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	
	0.2	1	1	1	✓	1	1	/	1	V	30	30	
-	0.3	.30	1	1	1	V	1	~	1	1	1	ác.	
ì	0.4	30	1	1	1	1	1	1	1	1	1	30	
,	0.5	JC.	30	V	V	V	V	~	1	1	1	3C	
חשומו	0.6	JC.	30	JC.	1	1	√	1	1	1	30	эc	
	0.7	30	30	JC	30	1	√	1	1	V	30	JC.	
2	0.8	JC	JC	3c	JC	30	√	1	1	V	3c	3c	
١.	0.9	Jc	3c	3c	JC .	30	√	1	1	1	3C	30	
100	1.0	.30	30	30	30	3c	30	1	1	1	30	30	
3	1.1	.30	30	3c	30	3c	30	3c	1	1	30	3C	
•	1.2	30	30	30	30	30	30	30	30	1	30	30	
	1.3	3C	30	3¢	30	JC.	30	3c	30	30	30	30	

DESIGN GUIDELINES (SINGLE OR MULTI SPAN ROOFS)

- 1. DETERMINE THE DESIRED LOCATION OF SUPPORT.
- 2. MARK THE LOCATION OF EACH PENETRATION,
- 3. PROVIDE ONLY ONE PENETRATION PER PANEL AND EXCLUDE TWO ADJOINING PANELS.
- 4. MEASURE THE DISTANCE BETWEEN THE EDGE OF PENETRATION TO THE NEAREST SUPPORT (EDGE DISTANCE),
- 5. CHECK THAT THE COMBINATION OF SPAN & EDGE DISTANCE FROM ABOVE TABLES IS OK,
- 6. IF NOT OK, PROVIDE EXTRA SUPPORT WHERE REQUIRED AND DOUBLE CHECK TO ENSURE THE NEW EDGE DISTANCE & SPAN CONFIGURATIONS ARE OK.

CONSTRUCTION GUIDELINES

- 7. ONLY ONE PERSON ALLOWED ON ANY ONE PANEL. MAX CONCENTRATED LOAD IS 1.4kN,
- 8. STAY AS CLOSE TO THE NEAREST SUPPORT AS POSSIBLE.
- 9. DO NOT STEP ON THE REMAINING SIDE STRIPS DURING OR AFTER CUT-OUT,
- 10. PENETRATIONS SHALL BE SYMMETRICALLY PLACED ACROSS THE WIDTH OF THE PANEL,
- 11. MAX POINT LOAD ON THE OPENING IS 0.25KN. THE LOAD SHALL BE EQUALLY DISTRIBUTED ALONG THE EDGES. IF THE LOAD IS ECCENTRIC THE ALLOWABLE EDGE DISTANCE SHALL BE REDUCED BY 0.2m,
- 12. FLASHING SHALL BE PROVIDED AROUND THE PENETRATION TO PREVENT MOISTURE INGRESSION.
- 13. CIRCULAR OPENING CAN BE PROVIDED IF ITS DIAMETER AND SIDES OF THE SQUARE OPENING ARE EQUIVALENT,
- 14. 300MM AND 450MM PENETRATIONS ARE ASSUMED TO BE CUT THROUGH ONLY ONE AND TWO RIBS RESPECTIVELY,
- 15. THIS DRAWING MUST BE READ IN CONJUNCTION WITH CORRESPONDING METECNO'S ROOF SPAN TABLES.



Allowable Span for P2 –



5/63 Annerley Road, Woolloongabba QLD 41 PO Box 8380, Woolloongabba QLD 4102 T 07 3255 1877 F 07 3255 1878 RPEQ12942 Pro 3233 1676

RPEQ12942 Pro 80x 3123 1676

RPEQ12942 Pro 80x 2118, North Ipswich QLD 4305
T 07 3281 6603 F 07 3281 6602

Panel Thickness, T (mm)

Metecno Ptv Limited trading as Bondo www.bondor.com.au 1300 300 099

ABN 44 096 402 934

					Drawn by: IT	Date:	Title 0.40/0 CMM 0.0 CMM COLADODAN DOOF DENETDATIONS		
					Checked by: HA	02.10.2018	0.42/0.5MM & 0.6MM SOLARSPAN ROOF PENETRATIONS		
=					This drawing is copyright and the property of	·	Description ALL CYAYARI F OR AND	AS	
ndor					Metecno Pty Limited. It is subject to their rec and may not be reproduced or its contents		ALLOWABLE SPANS		
199	0	02.10.18 Initial Issue	IT	НА	divulged without written authority.	Applicat		evision:	
	Rev.	Date Description E	Ву	Check	Dimensions are in mm - do not scale		EXTERNAL ROOF - REGIONS A & B SOL13-RP01	U	
					·				