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CYCLONIC LIMIT STATE SPAN TABLES

0.42 BMT CORODEK® RESIDENTIAL ROOFING

40 x 0.75mm Battens

CYCLONE WASHERS FITTED

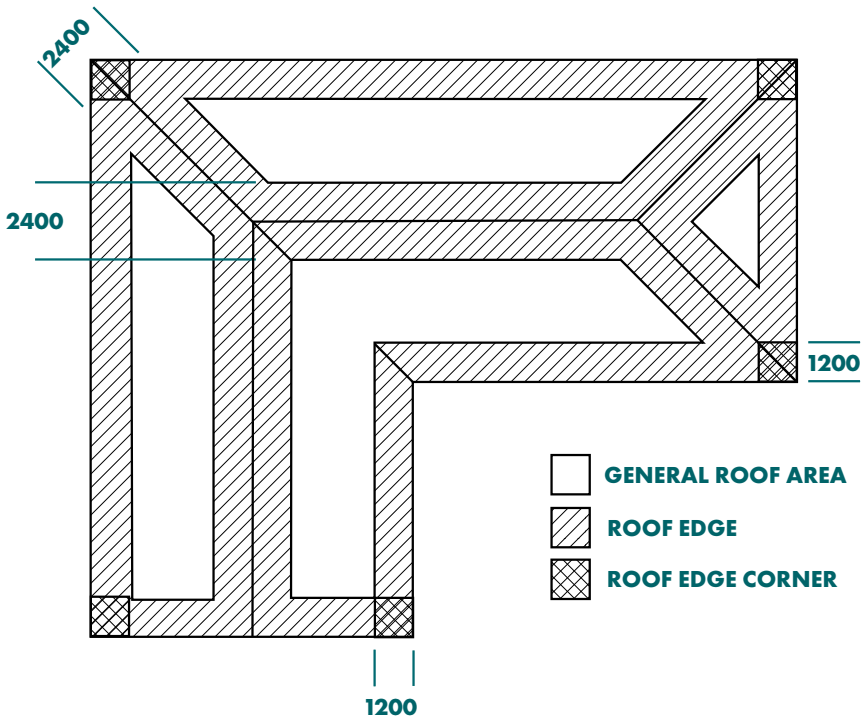
WIND CATEGORY	900mm TRUSS SPACING				1200mm TRUSS SPACING		
	Constant Batten Spacing	Variable Batten Spacing					
		G	RE	RC	G	RE	RC
C1	850	1350	1050	790	1250	800	590
C2	570	1130	720	530	850	540	400
C3	450*	760	490	450*	570	370	350*

NO CYCLONE WASHERS FITTED

C1	690	1330	890	690	1250	800	590
C2	490	930	630	490	840	540	400
C3	450*	670	450	450*	570	370	350*

* Fasteners fixed to every rib.

NS = Not Suitable, G = General Areas, RE = Roof Edges, RC = Roof Corners.



NOTES

1. This table is for use on residential projects that fall within the requirements of AS 4055 or AS 1684.
2. This table has been prepared by LCJ Engineers Pty. Ltd. and is based on the Low High Low testing completed by the Cyclone Testing Station (CTS), School of Engineering, James Cook University. The results of this testing are outlined in the test reports TS716 and TS638 produced by the CTS. Ultimate cyclic wind load tests were NATA accredited tests.
3. This table has been based on an ultimate roof sheeting fixing to batten load of 0.89kN. If the fixing capacity of the roof sheeting to batten is less than this the table may not be valid.
4. Roof sheeting shall be crest fixed to supports with M6 - 11 x 50mm Roof ZIPS self drilling screws. Fixings shall be in accordance with the manufacturers recommendations and shall be at every second rib.
5. Maximum batten spacings shown are only applicable to battens spanning three or more equal end spans. Maximum batten spacings nominated for edges must be maintained within 1200mm of edges of all eaves and ridges, maximum batten spacings nominated for corners must be maintained within 1200mm of two adjacent edges (refer to figure for guidance).
6. The spacings in the table are applicable for batten overhangs of up to 300mm. Batten overhangs greater than 250mm will exceed the recommended serviceability limit for roof traffic loads of 1.1 kN.
7. Battens shall be fixed to timber supports with 2 x M5.5 x 40 Batten ZIPS. All supports shall have a minimum joint group of JD4 and shall be 30mm wide minimum.
8. This information provided is as far as possible accurate at the date of publication, however, prior to use Metroll recommend you obtain qualified expert advice confirming the suitability of product(s) and information obtained herein.

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