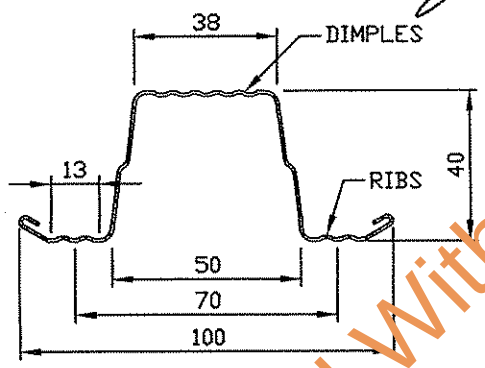
Approved for inclusion in DEEMED TO COMPLY by BUILDING ADVISORY COMMITTEE Date 3/4/2007



WARNING
Product Approval Withdrawn
May 2009

Roof Height E= Roof Edge I=Internal Area		Maximum Roof Batten Spacing for V_{500}								
		Terrain Category 2 Rafter Spacing, mm			Terrain Category 2.5 Rafter Spacing, mm			Terrain Category 3 Rafter Spacing, mm		
		600	900	1200	600	900	1200	600	900	1200
3m	E	1300	900	700	1450	1050	750	1650	1150	850
	I	1650	1200	900	1850	1300	1000	2100	1500	1100
5m	E	1150	800	600	1350	950	700	1650	1150	850
	I	1500	1050	800	1750	1250	900	2100	1500	1100
10m	E	1050	750	550	1150	800	600	1350	950	700
	I	1350	950	700	1500	1050	800	1700	1200	900
15m	E	900	650	500	1050	750	550	1150	800	600
	I	1200	850	600	1300	950	700	1500	1050	800
20m	E	800	600	450	900	600	450	950	650	500
	I	1050	750	550	1150	800	600	1200	850	650
25m	E	750	550	400	800	550	400	850	600	450
	I	1000	700	500	1050	750	550	1100	800	600
30m	E	700	500	400	750	550	400	800	550	400
	I	950	650	500	950	700	500	1000	700	550

NOTES

1. Designation of this batten is RB075CY Suttons 0.75mm Cyclone Roof Batten.
2. Material Specifications: Zincalume Steel to AS1397–2001 G550 AZ150. (550 MPa/150 g/m²)
3. Batten span/spacing based on test report No. TS610 by Cyclone Testing Station, James Cook University.

LIMITATIONS OF USE

1. Spacing in tables are based on batten being continuous over at least 2 spans with battens lapped a minimum of 40mm at the supporting truss or rafter locations. End distance for screw fixing to be not less than 20mm.
2. Batten spacing may be limited by cladding spanning capacity. Refer to cladding manufacturers recommendations.
3. Fastener requirements to supports:

Steel supports (1.0mm min)	2–No. 12–14X20	Hex self drilling Teks
Timber Supports : Hardwood	2–No. 12–11X40	Hex head Type 17 self drilling screws
Timber Supports : Softwood	2–No. 12–11X40	Hex head Type 17 self drilling screws

4. Design wind loading are in accordance with AS/NZS 1170.2:2002

Pressure coefficients used in tables	Cpi = 0.7 Cpe = –0.9	Dynamic Pressure	$q_z = (0.6xV^2)/1000$ kPa V = design velocity m/s
Local Pressure Factor	K_l = 1.0 for internal area K_l = 1.5 for roof edge	Uplift design pressure	$q = q_z \times (Cpi - (K_l \times Cpe))$

5. Structural Engineer to determine building classification, terrain category and building height as part of design criteria on project drawings.
6. Selection using tables to suit basic design criteria as specified by Structural Engineer.

MANUFACTURERS DETAIL

SUTTONS Australia Pty Ltd
PO BOX 1055
PARADISE POINT
QLD 4216

DESCRIPTION OF PROJECTS

CYCLONIC ROOF BATTEN – RB 075 CY SHEET 1 OF 2

Cyclonic Roof Battens 0.75mm BMT Zincalume

ENGINEERS CERTIFICATION

ACER FORESTER

Name M. Forester Date 25-10-05

DESIGN DATA SHEET

BASS CONCURRENCE Date 7.2.07

DRAWING No. M/138/1