ALCAN ALUMINIUM ROOF AND WALL CLADDING

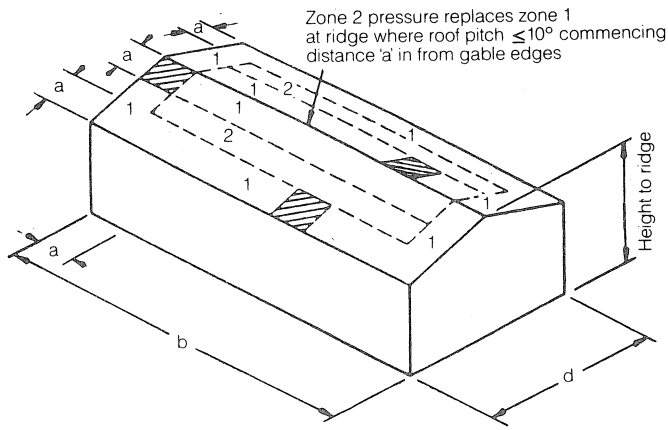
MAXIMUM PURLIN SPACINGS (MM) FOR ALCAN LT6 0.7, 0.8, 0.9

TERRAIN CATEGORY	BUILDING HEIGHT m	ROOF ZONE 1							ROOF ZONE 2						
		DESIGN WIND UPLIFT kPa	FIX EACH RIB[X]			FIX ALT. RIB[Y]			DESIGN WIND UPLIFT kPa	FIX EACH RIB[X]			FIX ALT. RIB[Y]		
			0.7	0.8	0.9	0.7	0.8	0.9		0.7	0.8	0.9	0.7	0.8	0.9
2.5	3	3.9	1200	1650[Z]	1800	1150	1350	1550	2.5	1500	2000	2400	1500	2000	2200
	5	4.0	1200	1600[Z]	1800	1150	1300	1500	2.6	1500	2000	2400	1500	2000	2200
	10	4.5	1200	1500	1800	1100	1250	1400	2.9	1500	2000	2400	1400	1700	2100
	15	4.9	1200	1400	1600	1000	1100	1250	3.2	1500	2000	2400	1300	1600	2000
2.0	3	5.2	1200	1400	1600	1050	1100	1250	3.3	1500	2000	2400	1300	1600	1850
	5	5.5	1100	1300	1500	1000	1000	1200	3.6	1500	1900	2300	1300	1550	1800
	10	6.2	1050	1200	1400	900	950	1050	4.1	1500	1800	2100	1250	1450	1650
	15	6.6	1000	1100	1300	850	900	950	4.3	1400	1700	2000	1250	1350	1550
1.0	3	6.3	1050	1200	1400	900	1050	1150	4.1	1500	1800	2100	1250	1450	1650
	5	6.6	1000	1100	1300	850	900	1100	4.3	1400	1700	2000	1250	1350	1550
	10	7.4	900	1000	1250	700	800	1000	4.8	1350	1600	1850	1200	1300	1500
	15	7.8	800	900	1200	600	700	900	5.1	1300	1500	1800	1100	1250	1400

WIND PRESSURE ZONES FOR PITCHED ROOF

Zone 2 pressure is applicable in the ridge zone where the roof pitch is equal to or less than 10 degrees.

Where a roof has overhanging eaves, the plan shown is to be taken as the full roof plan.



a = the height to ridge, 0.2b or 0.2d, whichever is the least.

Note X
Fix each rib.

Note Y
Fix alternate ribs.

Note Z It is recommended that this spacing be reduced to 1500mm at eave and ridge spacings if trade access is required to these areas.

MANUF'S NAME ALCAN AUSTRALIA LTD.

ADDRESS Unwin St Granville N S W

FIXING OF LT6 ROOFING SHEET

IN THE DARWIN AREA

DESIGN DATA SHEET 2/2

CERTIFIED J.J. Callahan B.E. CIVIL M.I.E. Aust.
7.9.87

ACCPTD J.K. Gardner M.I.E. AUST DATE 22.10.87

DRAWING No. M/108/2