

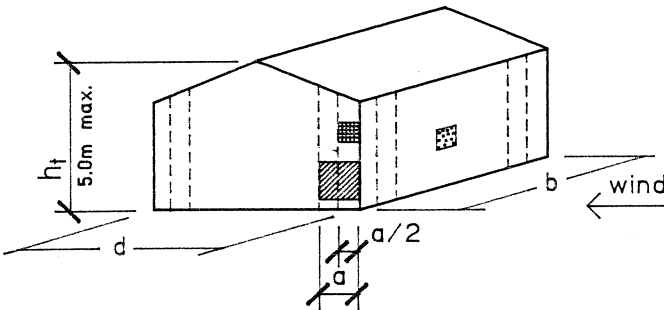
0.6 mm thick (tct) colourbond steel sheet.
SHEETING PROFILE

REGION C

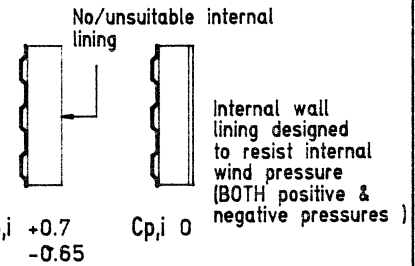
$V_p = 57$ m/sec.

REGION EXTENDS FROM
 0-50 Km FROM NORTHERN
 TERRITORY COAST LINE

Shielding multiplier 1.0
 Topographic multiplier 1.0
 Structural importance multiplier 1.0
 Design gust wind speed
 Terrain cat. 1 & 2 $57 \times 1.0 \times 1.0 \times 1.0 \times 0.95 = 54.15$ m/sec.
 Terrain cat. 2.5 $57 \times 1.0 \times 1.0 \times 1.0 \times 0.875 = 49.875$ m/sec.



CASE 1 \square 1.25 Positive pressure on areas of $0.25a^2$ or smaller, anywhere on windward wall
 CASE 2a \square 1.5
 CASE 3a \square 2.0



LOWSET BUILDING
 NOTE: Dimension 'a' is to be taken as the MINIMUM of $0.4b$, $0.2d$ or the height h_t (refer Figure 3.3.3. AS1170.2-1989)

LOCAL PRESSURE FACTORS

TYPICAL LOWSET BUILDING on level ground TABLE 1

TERRAIN CAT.	WALL AREA/ LOCATION	$C_{p,i}$	RESULTANT PRESS. kPa	Max. END SPAN \times mm	Max. INTERNAL SPAN \times mm	Max. SIMPLE SPAN \times mm
1 and 2	GENERAL	0	1.14	\times 1200	\times 1200	1190
		+0.7	2.38	1067	1190	825
	CASE 1	0	1.54	\times 1200	\times 1200	1025
		-0.65	2.68	1002	1120	777
	CASE 2a	0	1.72	\times 1200	\times 1200	970
		+0.7	2.95	956	# 1060	741
CASE 3a	0	2.29	1085	\times 1200	841	
	+0.7	3.50	878	# 890	680	
2.5	GENERAL	0	0.97	\times 1200	\times 1200	\times 1200
		+0.7	2.02	1156	\times 1200	896
	CASE 1	0	1.31	\times 1200	\times 1200	1111
		-0.65	2.28	1098	\times 1200	842
	CASE 2a	0	1.46	\times 1200	\times 1200	1054
		+0.7	2.50	1038	1161	804
CASE 3a	0	1.94	1179	\times 1200	913	
	+0.7	2.99	950	# 1045	736	

NOTE REFER ASSOCIATED DATA SHEET FOR ADDITIONAL SHEAR WALL REQUIREMENTS WHERE APPLICABLE

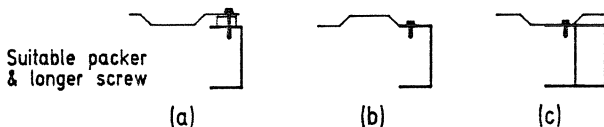
Span limited by screw capacity
 * RECOMMENDED MAXIMUM SPAN 1200 mm
 Where spans over 1200mm provide side lap No.8 S point teks at maximum 600 crs

FIXING DETAILS

VERTICAL SHEETING - generally adjacent to side laps and then 130mm crs. at spans specified above

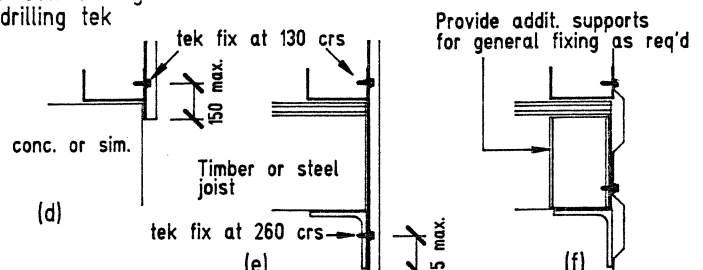
VERTICAL SHEETING - generally adjacent to side laps and then 130mm crs. at spans specified above, Where fixed to vertical studs at 450 crs increase fixing spacing to 260mm

Timber BUILDEX or sim. No. 10-12x20mm hex head type 17 self drilling teks
 Steel BUILDEX or sim. No. 10-16x16mm hex. head self drilling tek
 Screws fitted with neoprene washers



Provide side tek fixings at 350 max. crs. to sheeting at all openings and corners

AT PERIMETER OF OPENINGS
 Similar at head, sill & jamb



AT OVERHANG LOCATIONS
 Similar at head, sill & jamb

MANUFACTURER
WOODROFFE
 METAL BUILDING PRODUCTS
 1396 REICHARDT ROAD, WINNELLIE, N.T.
 PHONE 089 843600 FAX 089 844823

WEBBMASTER HIGH PROFILE
 EXTERNAL WALL CLADDING
 VERTICAL OR HORIZONTAL

REGION C
 FOR LOWSET BUILDING
 RIDGE HEIGHT TO 5.0 m

CLARENDON CONSULTING ENGINEERS
 UNIT 3/96 WOODS STREET, DARWIN.
 PHONE 089 817500 - Certified
 FAX 089 411862 C.S.PASCOE BE. MIEAust

DESIGN DATA SHEET

DEPARTMENT OF LANDS BUILDING BRANCH

DRAWING No.

APPROVED

DATE 15/10/00

M206/1