

Region C - Ground Level
With Height Of Eaves Not Greater Than
3m Above G.L.

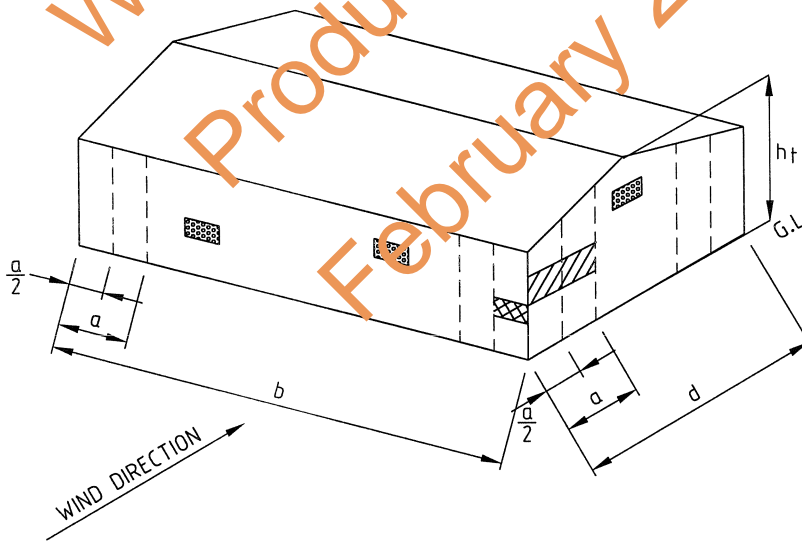
Basic Wind Speed	Design Wind Pressure q_z (kPa)			
	$K_1 = 2.0$	$K_1 = 1.5$	$K_1 = 1.25$	$K_1 = 1.0$
Serviceability (Vs)	1.8	1.5	1.35	1.2
Permissible Stress (Vp)	3.1	2.6	2.4	2.1
Ultimate Strength (Vu)	4.7	4.0	3.6	3.2

Water Penetration
Test Pressure = 230 Pa

With Height Of Eaves Not Greater Than
5m Above G.L.

Basic Wind Speed	Design Wind Pressure q_z (kPa)			
	$K_1 = 2.0$	$K_1 = 1.5$	$K_1 = 1.25$	$K_1 = 1.0$
Serviceability (Vs)	2.0	1.7	1.5	1.4
Permissible Stress (Vp)	3.3	2.9	2.7	2.4
Ultimate Strength (Vu)	5.3	4.5	4.0	3.6

Water Penetration
Test Pressure = 265 Pa



LEGEND K_1		Applicable Area
	1.25	$0.25 a^2$
	1.5	$1.0 a^2$
	2.0	$0.25 a^2$

$K_1 = 1.0$ U.N.O.

LOCAL PRESSURE FACTORS
 K_1 FOR WALLS

NOTE: Dimension 'a' is to be taken as the MINIMUM of $0.2b$ or $0.2d$ or the height h_t
 b = dimension of building perpendicular to wind direction
 d = dimension of building parallel to wind direction

Notes : 1. Based on Terrain Category 2, $C_{pi} = \pm 0.7 - 0.65$, Region C, $M_i=1.0$, $M_t=1.0$, $M_s= 1.0$
 2. Refer to Practising Structural Engineer for buildings outside this guideline.

**WIND PRESSURES FOR DOORS & WINDOWS
IN BUILDINGS, REGION C, TC 2**

DESIGN DATA SHEET

CERTIFIED BY
ENGINEER

[Signature]
24/11/1999

ACCEPTED

[Signature]
21/12/1999

DRAWING No.

M/412/1

A4

APPROVED FOR INCLUSION IN THE DTC BY BAC

DATE: 21/12/99