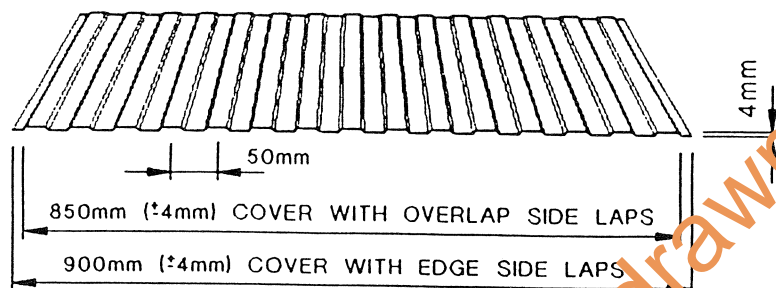


METCLAD INTERWALL 850 WALL CLADDING



INTERWALL 850 MATERIAL SPECIFICATION

BASE MATERIAL THICKNESS OF 0.12mm (0.48mm TCT)
STEEL PRODUCT IS G550 BASE MATERIAL (550 MPa)
WITH A ZINCALUME (AZ150) COATING IN ACCORDANCE
WITH A.S. 1397.

WALL CONSTRUCTION

STEEL STUD FRAME TO BE DESIGNED
FOR WIND FORCES BY STRUCTURAL
ENGINEER. MINIMUM STUD SIZES
AS FOLLOWS:
78x38x1.2mm TOP & BOTTOM PLATES
75x40x1.6mm STUDS AT 450 CTS.
72x30x1.2mm NOGGINGS AT 900 CTS.
WELDS - 1.2mm FILLET WELDS
TOTAL LENGTH OF WELD PER
CONNECTION
STUD TO PLATE - 90mm
NOGGING TO STUD - 20mm EACH FLANGE.

SHEET FIXING

FIX SHEETING WITH PROFILE
HORIZONTALLY ORIENTATED
MAXIMUM SPAN = 450 CTS.

SCREW TYPE

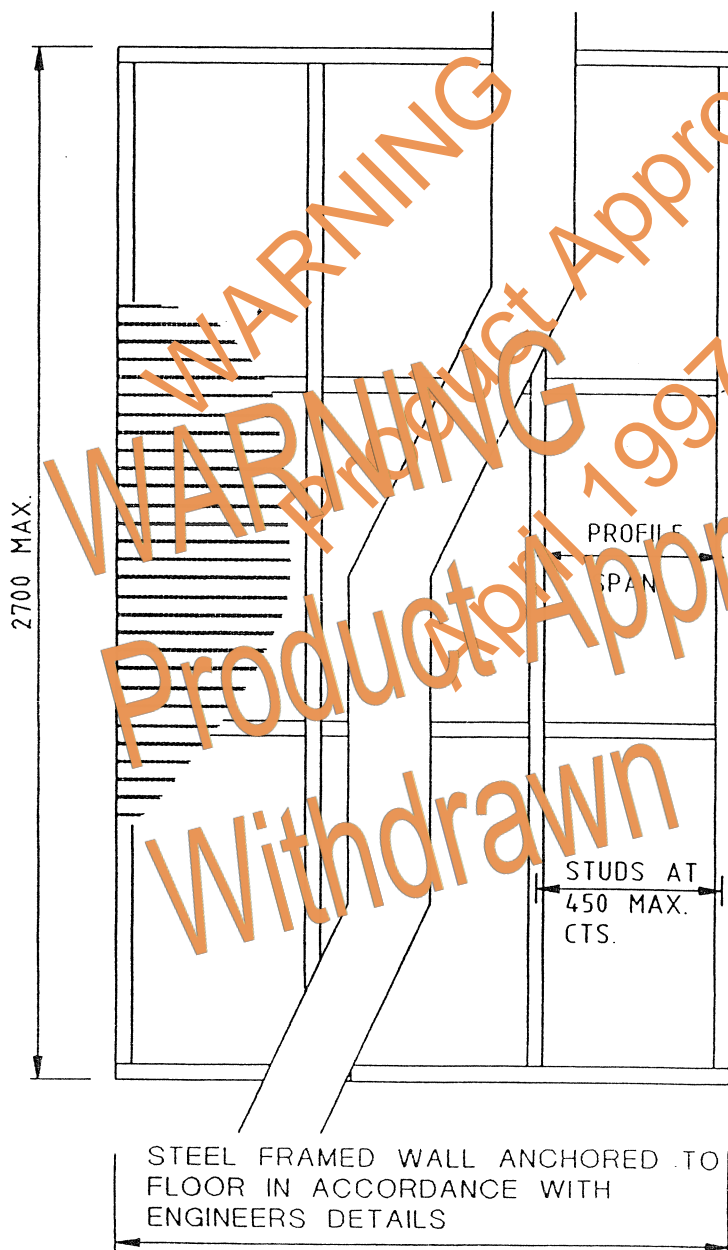
No. 10 x 16mm TEK SCREWS WITH
HEXAGON WASHER FACE AND NEOPRENE
WASHER. FIX EVERY 2nd. PAN
SIDE LAP FIXING IN ACCORDANCE WITH
MANUFACTURERS SPECIFICATIONS

DESIGN WIND LOAD CAPACITY

$P_z = 3.0 \text{ KPa}$

NOTE:

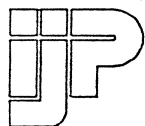
TESTING CARRIED OUT AT
JAMES COOK UNIVERSITY IN
ACCORDANCE WITH THE PROVISION
OF TR440
RAKING STRENGTH PROVIDED BY THE
CLADDING HAS NOT BEEN TESTED
AND SHOULD NOT BE ALLOWED FOR
IN THE DESIGN.



TYPICAL WALL PANEL ELEVATION

METCLAD METAL ROOFING AND CLADDING PTY. LTD.

LOT 1130 GEORGINA CR. PALMERSTON
PHONE (089) 32 2077



IRWIN JOHNSTON & PARTNERS
(N.T.) ENGINEERS PTY. LTD.
CONSULTING ENGINEERS
82 SMITH STREET, DARWIN 0801
TEL (089)819011 FAX (089)814010

CERTIFIED

DATE 21/3/94

METCLAD INTERWALL 850 PROFILE WALL SHEETING

DESIGN DATA SHEET

DEPT. OF LANDS AND HOUSING
BUILDING AUTHORITY BRANCH

APP'D

DATE 5-4-94

DRAWING No.

M/114/13