



ESC-VZ80

COMBINED PILE PROPERTIES

SERIES	UNIT WIDTH W [in] (mm)	HEIGHT H [in] (mm)	THICKNESS t [in] (mm)	MASS [lb/ft] (kg/m)	MASS [lb/ft ²] (kg/m ²)	ELASTIC SECTION MODULUS [in ³ /ft] (cm ³ /m)	TOTAL MOMENT OF INERTIA [in ⁴ /ft] (cm ⁴ /m)	ALLOWABLE BENDING MOMENT [lb-in/ft] (kNm/m)
ESC-VZ80	19.69 (500)	9.84 (250)	0.394 (10.0)	8.08 (12.02)	4.92 (24.04)	25.97 (1,396)	127 (17,450)	77,100 (28,60)

M			
L			
K			
J			
I			
H			
G			
F			
E			
D			
C			
B			
A	Initial Revision	01.05.17	JL
Issue	Revision	Date	Init

Notes:
 All dimensions in millimeters
 For design purposes, the ultimate tensile strength of uPVC is 41 MPa to ISO 17820:10
 Impact Strength (Izod) is 9.0kJ/m² to ASTM256
 Modulus of Elasticity is 2.620GPa
 Vicat Softening Temperature of 80°C to ASTM 1525

ESC Client:

Distributor:
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Project Title:



Drawing Title:
ESC-VZ80 uPVC Vinyl Sheet Pile

Stamp: _____
 Signature: _____

SECTION DRAWING

Designed	Drawn	Checked	F
JLY	JLY	JLY	
Scale	Date	Job No.	
NTS	01.04.2017		1