

**ESC-VU25**

**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 <sup>2</sup> ] (kg/m <sup>2</sup> )	ELASTIC SECTION MODULUS [in <sup>3</sup> /ft] (cm <sup>3</sup> /m)	TOTAL MOMENT OF INERTIA [in <sup>4</sup> /ft] (cm <sup>4</sup> /m)	ALLOWABLE BENDING MOMENT [lb-in/ft] (kNm/m)
ESC-VU25	19.69 (500)	6.30 (160)	0.236 (6.0)	4.83 (7.20)	2.95 (14.40)	9.34 (502)	29.3 (4,010)	27,800 (10.3)


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 millimetres  
 Proof Strength of uPVC is 65MPa & Ultimate Tensile  
 Strength of uPVC is 41MPa to ISO 17823:2010  
 Modulus of Elasticity is 2.620GPa to ISO 17823:2010  
 Vicat Softening Temperature of 80°C to ASTM 1525

ESC Client:  
 \_\_\_\_\_  
 \_\_\_\_\_

Distributor:  
**ESC Group**  
 7/F, Unit 01, Straits Galleria,  
 1624, Straits View Street, Joh. Stra. Trn  
 No. 10, Singapore 109617  
 Phone: +652 3865 1888  
 Email: escglobal@escpile.com

Project Title:  
 \_\_\_\_\_



Drawing Title:  
**ESC-VU25 upPVC Vinyl Sheet Pile**

Stamp: \_\_\_\_\_  
 Signature: \_\_\_\_\_

**SECTION DRAWING**

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