



Lampiran 2 Spesifikasi *Concrete Sheet Pile*



Managed and Operated by 

SHEET PILES

PC SHEET PILES

DESCRIPTION

Type of Sheet Piles

CPC Sheet Piles : Corrugated Prestressed Concrete Sheet Piles
 FPC Sheet Piles : Flat Prestressed Concrete Sheet Piles
 FRC Sheet Piles : Flat Reinforced Concrete Sheet Piles

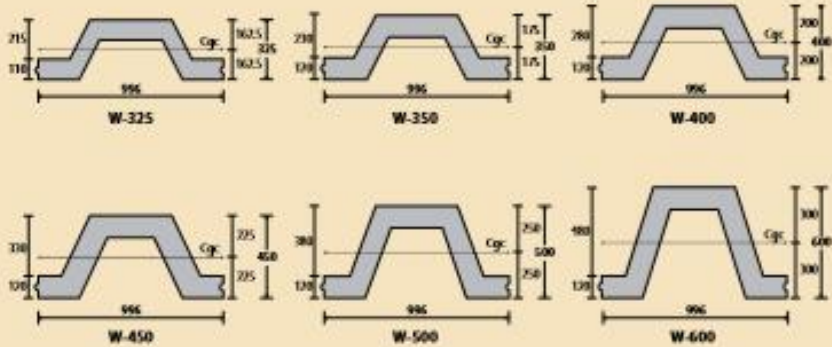
Method of Installation : Dynamic Pile Driving :

1. Vibro Hammer (corrugated type) + Water Jet (special requirement)
2. Diesel Hammer (flat type)

DESIGN & MANUFACTURING REFERENCE

Design	JIS A 5326 - 1988 JIS A 5325 - 1981 SNI 03-2847 - 2002	Prestressed Concrete Sheet Piles Reinforced Concrete Sheet Piles Indonesian Standard Code for Concrete
Manufacturing	JIS A 5326 - 1988 JIS A 5325 - 1981 WB - PRD - PS - 16	Prestressed Concrete Sheet Piles Reinforced Concrete Sheet Piles Production Manufacturing Procedure

PRODUCT SHAPE & SPECIFICATION | CORRUGATED PRESTRESSED CONCRETE SHEET PILES



CPC SHEET PILES SPECIFICATION

Concrete Compressive Strength (f_c) = 62 MPa (Cube 700 kg/cm³)

Type	Width (mm)	Cross Section (cm ²)	Section Inertia (cm ⁴)	Unit Weight (kg/m)	Class	Moment Crack	Moment Break	Allow. Service Moment Temporary	Allow. Service Moment Permanent	Length* (m)
W-325	996	1,315	134,264	329	A	11.40	22.80	10.07	6.74	8 - 15
					B	13.30	26.60	11.97	8.64	8 - 16
W-350	996	1,468	169,432	368	A	15.60	31.20	14.04	10.14	9 - 17
					B	17.00	34.00	15.44	11.54	10 - 18
W-400	996	1,598	248,691	400	A	20.10	40.20	18.10	13.08	10 - 18
					B	23.40	46.80	21.40	16.38	11 - 20
W-450	996	1,835	353,363	459	A	26.90	53.80	24.37	18.04	11 - 20
					B	30.70	61.40	28.17	21.84	12 - 21
W-500	996	1,818	462,373	455	A	35.20	70.40	32.22	24.76	12 - 22
					B	40.40	80.80	37.42	29.96	13 - 24
W-600	996	2,078	765,907	520	A	50.60	101.20	46.48	36.19	14 - 25
					B	59.60	119.20	55.48	45.19	15 - 27

Note: *Length of Concrete Corrugated Sheet Piles may exceed usual standard whenever fitted in certain position

January - 2015

Gambar L-2.1 Spesifikasi *Concrete Sheet Pile* Produksi WIKACLT Beton
 (Sumber : PT. Wika Beton, 2015)