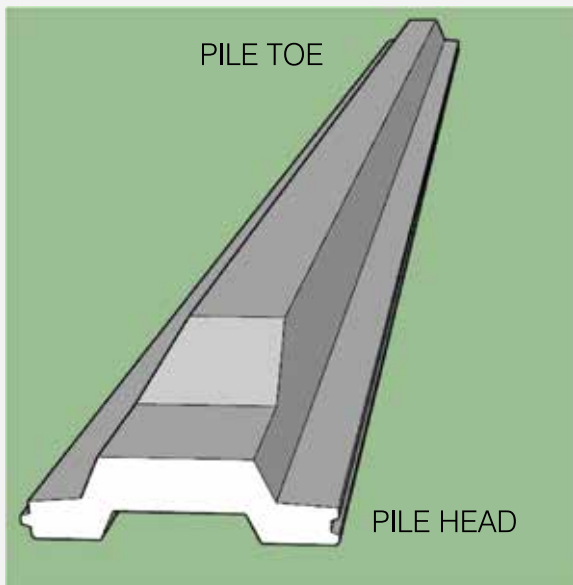


Precast Concrete Sheet Piles

G-CAST's Precast Concrete SHEET PILES are manufactured using high strength concrete and are used to replace traditional steel sheet piles retaining wall system.

G-Cast Concrete Sheet Piles are designed and manufactured to severe marine environments, exposure class XS3 (tidal, splash and spray zones) with design working life 50 years.

- Structural design to EN 1992-1-1
- Reinforcement : $f_y = 500$ MPa (High tensile steel)
- Joint type : Tongue and groove between wall panels
- Installation : To be driven using Vibro-hammers
- Concrete grade : C35/45
- Concrete cover : 40mm

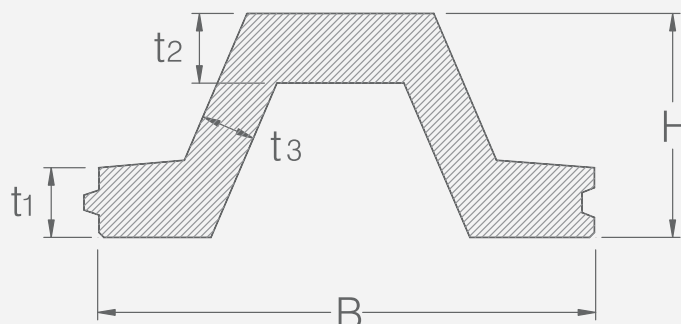


Benefits of G-Cast's Precast Concrete Sheet Piles

- Concrete structures remain stable, does not rust,
- Design life 50 years,
- Zero or little maintenance throughout life span,
- Unparalleled strength, durability, longevity and resilience
- Durability in any environment,
- The lowest carbon footprint for a structure over its lifecycle.



PRODUCT CODES AND DETAILS



Standard lengths : 6 m, 9 m, 12 m, 15 m

Product Code	H (mm)	B (mm)	t ₁ t ₂ (mm)	t ₃ (mm)	Product Weight (tons/m)	Class	Service Moment (kN-m per m)	Ultimate Moment (kN-m per m)
GSP 450 x 1.0	450	1000	140	110	0.45	A	225	396
						B	160	285
						C	155	278
						D	110	183
						E	75	129
GSP 450 x 1.2	450	1200	140	110	0.53	A	250	435
						B	195	347
						C	175	307
						D	140	239
						E	125	208
GSP 600 x 1.0	600	1000	140	110	0.52	A	340	585
						B	240	412
						C	235	400
						D	170	276
						E	120	181
GSP 650 x 1.2	650	1200	140	110	0.63	A	416	717
						B	330	558
						C	305	488
						D	242	375
						E	215	325

G-CAST CONCRETE SDN BHD (971228-X)

Head Office:

Menara Chin Hin, Level 22-23, 8th Stellar,
No. 1, Jalan Naga Emas, Sri Petaling,
57000 Kuala Lumpur, Malaysia

T : +603-7982 8168

E : info@g-cast.com.my

www.g-cast.com.my

Factory :

- Lot 22993, MCKIP Kawasan Industri Malaysia-China Kuantan, Jalan Gebeng By Pass, 26080 Kuantan, Pahang.
- Lot 23030, Seksyen 20, Jalan Kampung Mohd Taib, Kawasan Industri Sungai Choh, 48000 Rawang, Selangor.
- Lot 647, Jalan Kulai Kota Tinggi, Mukim Ulu Sungai Johor, Kota Tinggi, Johor.
- Lot 12448-12473, Kawasan Perindustrian Bidor, Mukim Bidor, Daerah Batang Padang, 35500 Perak.
- No. 1, Jalan Starken, Batu 5, Jalan Mawai, 81900 Kota Tinggi, Johor.

Distributed by:

