



Great Formwork Is Your Greater Choice

GREAT FORMWORK SDN BHD



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COMPANY PROFILE

Great Formwork SDN BHD is an aluminum formwork service provider with sales and rental, technical support and labor assembly service. The company was founded in 2017 and headquarter is located at Malaysia.

As the global strategic partner of Zhongwang Group, the largest industrial aluminum extrusion product manufacturer in Asia. Great Formwork SDN BHD integrates all the advantages of resources, and brings together the expertise of the industry to provide high-quality aluminum formwork to developer companies and main contractors. The service meets the requirements of different countries and regions and is constantly striving to promote China produced aluminum formwork to the world.



COMPANY DISTRIBUTION

Headquarter



GREAT FORMWORK SDN BHD

No 10,
Jalan Anggerik Vanilla 31/94,
Kota Kemuning Seksyen 31,
40460 Shah Alam,
Selangor Darul Ehsan, Malaysia.

Warehouse HQ



GREAT FORMWORK WAREHOUSE

Jalan Sungai Pinang 4/21,
Taman Perindustrian
Pulau Indah (KS/11),
Selangor Halal Hub 42920 Port Klang,
Selangor Darul Ehsan, Malaysia.

Warehouse



SX WAREHOUSE

Precinct 2,
Jalan FZ6 - P2, P228 & P229,
Port Klang Free Zone/KS12,
42920 Pulau Indah,
Selangor Darul Ehsan, Malaysia.

BRANCH

KOREA



3rd Floor, 18,Samseong-RO 86-Gil,
Gangnam-Gu, Seoul,Korea

VIETNAM

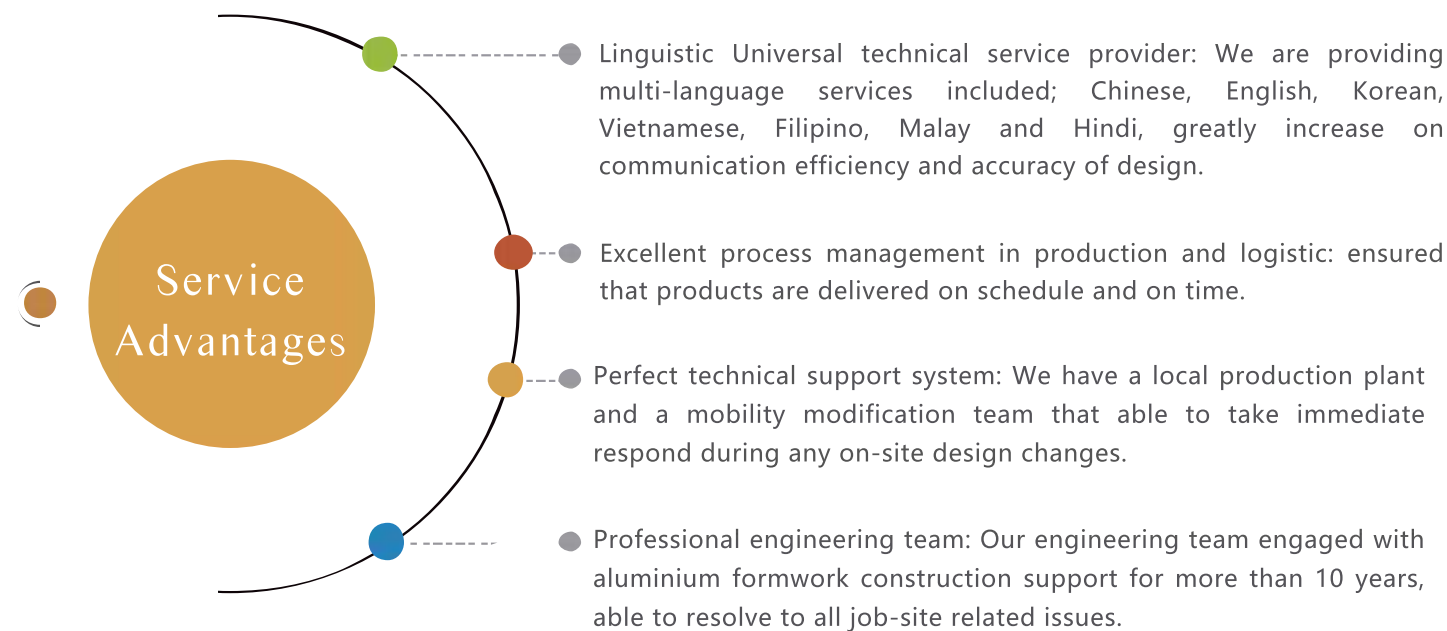


2nd Floor, 361 Pham Van Bach street, ward 15,
Tan Binh Dist, Ho Chi Minh City,Vietnam

COMPANY ADVANTAGES

OUR STRENGTH

Great Formwork SDN BHD is providing the safest, most efficient, environmentally friendly, economical, and highest quality of aluminum formwork system in the market.



STRATEGY PARTNER

As a strategic partner of the company, Zhongwang Group has a state-level enterprise technology center, a national and local joint engineering research center, a national post-doctoral workstation, a provincial engineering technology research center and key laboratories. 1400 people in engineer support team, 600 people in research and development team with resources of aluminum formwork project has invested a total of (RMB) 260 million in research and development. In March 2017, Zhongwang Group invested (RMB) 1.2 million to build four automated production lines, each with a maximum daily output of 1200 tons. In 2018, Zhongwang Group invested (RMB) 30 million to develop a three-dimensional auxiliary design software for aluminum formwork based on BIM platform.



America – Q-FOG Corrosion Tester



ZEISS Stereomicroscope



Intelligent Aluminium Formwork Production Line System



Fully Automated Static Spray Production Line

No.03

PRODUCTION FLOW

FLOW



1. Melt



2. Cast



3. Cutting



4. Punched Hole



5. Milling Pit



6. Welding



7. Balancing



8. Surface Treatment



9. Quality Inspection



10. Sticker



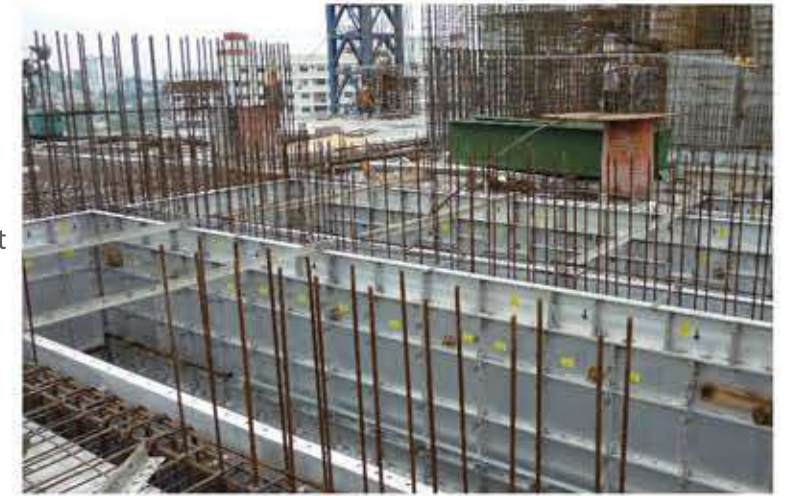
11. Pre-assembly



12. Classification, Packaging

Installation Steps

1. Engineering Line Measurement
2. Wall & Column Rebar Binding
3. Specialty Reservation Preparation
4. Wall or Column Panel Installation
5. Flat tie and PVC Sleeve Installation
6. Beam Panel Installation
7. Deck Panel
8. Staircase Formwork
9. Drop Frame Installation
10. Formwork Inspection
11. Concreting of Structure
12. Formwork Dismantle
13. Move to the next assembly



PRODUCT ADVANTAGES

Great Formwork Is
Your Greater Choice.

● Good Structure, stability and High Bearing capacity

Optimization and improvement of our aluminium formwork system is capable to produce the average weight is 24/kg per square meter, the deflection value is 0.89mm, the residual deformation value is less than 0.02mm, compared with china same products the swiftness is increased by 40%. The bearing capacity of the vertical stiffener of aluminum diaphragm system can be up to 60Kn/m2.

● Environment friendly, Cost Saving

The application of edge stiffer and corner angles improves the plane stiffness of the aluminum formwork, reduces the amount of pins, reduces the material cost by 15%, reduces the welding cost by more than 60%, and improve efficiency in modification, and the re-use rate can up to 80%.



● Benefits of 6061-T6 Formwork Grade

Aluminium grade 6061-T6 belongs to 6-series aluminium-magnesium-silicon alloy, the alloy has high strength and is hot-rolled. It has excellent welding quality with smooth layer with no wrinkles and good corrosion resistance. The extrusion ratio of the profile and the quality of the finished product are greatly improved. A set of Formwork with standard construction can be used up to 300 times to reduce the average cost of use.



● GREAT FORMWORK PRODUCT COMPONENTS ● ● ●

Includes wall panel, deck panel & beam soffit panel. All panel are connected to both corner angle (CA) and external corner in order to enclose the construction structure to ensure that the building structure is formed when the concrete is poured.



Wall Panel



Deck Panel



Beam Soffit Panel



Wall Panel



Corner Angle (CA)



External Corner



Middlle Beam (MB)



Staircase
Side Panel (S)



Slab In Corner (SC)



Rocker

● SUPPORTING SYSTEM ● ● ●

Slab prop head, prop head, prop rod, etc. are the supporting system in the construction process of concrete structure. The vertical direction is to accurately adjust the elevation, and the oblique direction is to accurately adjust the verticality of the wall. Where the controllable error range is within 3~5mm.



Slap Prop Head



Prop Head



Prop

● REINFORCEMENT SYSTEM ● ● ●

To ensure the width of the structure when the formwork is formed, and there is no deformation, mold increase or discharge incident when pouring concrete. The reinforcement system controls the flatness and size of the wall. The system includes Round & Wedge Pin, wall screw, Hollow section, PVC sleeve etc. The back can control the flatness of the wall, and the through-wall screw can control the cross-sectional size.



Wall Screw



Hollow Section



PVC Sleeve



Round Pin &
Wedge Pin

● ACCESSORY SYSTEM ● ● ●

Includes hammers, pannel puller, hanger, etc. are the supporting components of the formwork accessory system.



Hammer



Podger



Pannel Puller

No.05

PROJECT REFERENCES

PRIMA SEREMBAN SENTRAL @ SEREMBAN, NEGERI SEMBILAN

Developer : Brunsfield International Group

Contractor : CSCEC International Construction & Engineering (Malaysia) Sdn Bhd

Description : 4 Building 25 Floors PR1MA Condominium

Area Size : 4 Sets, Total 23,699 m²



GRAND SUBANG SS13 @ SUBANG JAYA, SELANGOR

Developer : Cinta Subang Development Sdn Bhd

Contractor : Insan Pertiwi Sdn Bhd

Description : 2 Buildings 22 Floors Condominium

Area Size : 2 Sets, Total 12,847 m²



LUMI TROPICANA CONDOMINIUM @ TROPICANA, SELANGOR



Developer : Thriven Global Berhad

Contractor : Setiakon Builders Sdn Bhd & Plytec
Formwork System Industries Sdn Bhd

Description : 4 Buildings 35 Floors Condominium

Area Size : 2 Sets, Total 12,000 m²

RESIDENCE LILI @ NILAI, NEGERI SEMBILAN



Developer : GD Development Sdn Bhd
Contractor: SLG Construction Sdn Bhd
Description: 3 Buildings, 32Floors Condo
Area Size : 3 Sets, Total 12,000 m²

CENTRAL PARK CONDOMINIUM @ JOHOR BHARU, JOHOR



Developer : Country Garden Sdn Bhd
Contractor: CSCEC International Construction & Engineering (Malaysia) Sdn Bhd
Description: 3 Building 30Floors Condo
Area Size : 3 Sets, Total 12,000 m²

NIDOZ RESIDENCE @ OLD KLANG ROAD, KUALA LUMPUR

Developer : Exsim Group of Companies
Contractor : Nestcon Infra Sdn Bhd
Sub-Con : Plytec Formwork System Industries Sdn Bhd
Description: 4 Sets 30 Floors Condo
Area Size : 4 Sets, Total 11,400 m²



PRIMA SANDAKAN CITY CENTRE @ SANDAKAN, SABAH

Developer : Integral Acres Sdn Bhd
Contractor : Beijing Construction Engineering Group
Description: 2Building 750 Sets of Condo Plan
Area Size : 2 Sets, Total 10,000 m²



XIAMEN UNI T4 @ SEPANG, SELANGOR

Developer : Xiamen University Malaysia
Contractor : Sinohydro Corporation
Sub-Con : Plytec Formwork System
Description: 1 set 15 Floors Hostel
Area Size : 1 set, Total 9,930 m²



9 SEPUTEH CONDOMINIUM @ OLD KLANG ROAD, KUALA LUMPUR

Developer : Malaysia Resources Corporation Berhad
Contractor : China State Construction Engineering (M) Sdn Bhd
Description: 3 Building 34-36 Floors Condominium
Area Size : 3 Sets, Total 9,000 m²



FOREST CITY P29-2 @ JOHOR BAHRU, JOHOR

Developer : Country Garden Pacific View Sdn Bhd
Contractor : Cedy Third Contracting & Trading (M) Sdn Bhd
Description: 2 Buildings 35 Floors Condominium
Area Size : 2 Sets, Total 8400m²



RUMAWIP PANTAI SENTRAL PARK @ BANGSAR SOUTH, KUALA LUMPUR



Developer : IJM Land Sdn Bhd
Contractor : TCS Construction Sdn Bhd
Description: 2 Building 30 Floors Condo
Area Size : 2 Sets, Total 8,000 m²

10 KINRARA @ PUCHONG KINRARA, SELANGOR



Developer : I & P Group
Contractor : Jasmurni Construction Sdn Bhd
Sub-Con : Plytec Formwork System Sdn Bhd
Description: 2 Sets 22 Floors Condominium
Area Size : 2 Sets, Total 7,600 m²

FOREST CITY P32-1 @ JOHOR BAHRU, JOHOR



Developer : Country Garden Pacific View Sdn Bhd
Contractor: Hefei Construction Engineering (M)
Sdn Bhd
Description: 1 Set 33 Floors Condominium
Area Size : 1 Set, Total 6300m²

TROPICANA GARDENS @ KOTA DAMANSARA, SELANGOR



Developer : Tropicana Indah Sdn Bhd
Contractor : GD Capital Holdings Sdn Bhd
Description: 1 Building 30 Floors Condo
Area Size : 1 Set, Total 6,236.83 m²

SETIA CITY RESIDENCE @ SETIA ALAM, SELANGOR



Developer : Bandar Setia Alam Sdn Bhd
Contractor: SP Setia Berhad Group
Sub-Con : TCS Construction Sdn Bhd
Description: 1 Building 27 Floors Condo
Area Size : 1 Set, Total 4,500 m²

PRIMA KAJANG UTAMA @ KAJANG, SELANGOR



Developer : Malaysia Resources Corporation Berhad
Contractor: Ragawang Corporation Sdn Bhd
Sub- Con : Plytec Formwork System Industries Sdn Bhd
Description: 3 Sets 566 Sets of Condominium
Area Size : 1 Set, Total 3,980 m²

XIAMEN LY2 @ SEPANG, SELANGOR



Developer : Xiamen University Malaysia
Contractor: Sinohydro Corporation
Description: 1 Set 15 Floor of Condominium
Area Size : 1 Set, Total 3,426m²

IMPERIAL GRAND @ SG. ARA, PENANG



Developer : Ideal Property Group
Contractor: Kean Choon Construction Sdn Bhd
Description: 37 Units of Semi D
Area Size : 1 Set, Total 463m²

PROJECT COMPANY INFORMATION

DEVELOPER



CLIENT

