

COMPARISON SHEET

CHARACTERISTICS

FORMWORK TYPE

		HARD HELD FORMWORK	TUNNEL FORMWORK	TABLE FORMWORK	TRADITIONAL FORMWORK	ALUMINIUM FORMWORK
1	Can pour all Walls, Columns, & Beams Together With Floor Slabs, Cellular Design					✓
2	Lowest Formwork To Forming Area Ratio					✓
3	No Skilled Labor Required	✓				✓
4	Strike Floor Slabs Formwork Without moving props					✓
5	Able To Pour Wall (column) And Floor Slabs With Beams With One Lift		✓			✓
6	Can Form Concrete In Place As Part Of Work Cycle					✓
7	Can Form Concrete Columns And Beams Together	✓			✓	✓
8	No Cranes Or Heavy Equipments Required	✓			✓	✓
9	Suitable For Single (1) Or Two (2) Story Buildings		✓	✓	✓	✓
10	Suitable For High-Rise Buildings				✓	✓
11	Formwork Equipment Adopts To Different Designs				✓	✓
12	Able To Form All Concrete Elements					✓
13	Self Correction Feature Providing Unmatched Forming Accuracy	✓				✓
14	Conforms To Architects Design With No Need Modifications To Suit The System	✓				✓
15	Environmentally Friendly No Huge Debris, No Messy Disposals					✓

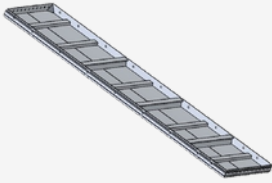
ALUMINIUM (6061-T6)

SPECIFICATION	LIST	Combined Aluminium(6061-t6)
MATERIAL	Specific Gravity	2.7 g/cc
	Allowable Bending Stress	1,250 kg/cm ²
	Young's Modulus	70 GPa
COMPOSITION	INNER WALL PANEL	SLAB CORNER & BEAM IN-OUT
	SLAB PANEL & SUPPORT	CORNER & HUNCH WALL
NORMAL MODULE	ACCESSORY	TIE/ROUND PIN/WEDGE PIN
	WALL PANEL	2400X600MM 2050X600MM
	SLAB PANEL	1200MMX600



ALUMINUM FORMWORK COMPONENTS

WALL PANEL



SIZE- 2400X600 MM Wall panel used at wall of structure to support and casting wall concrete

SLAB PANEL



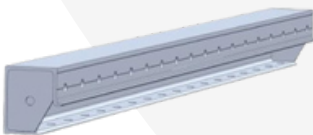
SIZE- 1200X600 MM The slab panel will be used to support the concrete slab weight during pouring and casting

DECK PROP HEAD (DP)



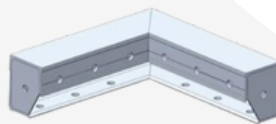
Size- 100x200 mm Dependent upon each structure used to joint the beam together, the pipe support will be placed under the prop head

SLAB CORNER



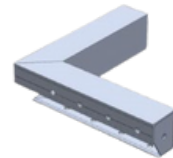
Size- 100x125 mm /100x150 mm Dependent upon each structure connection between wall panel & slab panel

SLAB INNER CORNER



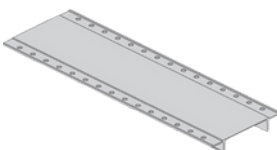
Size- 400x400 mm Dependent upon each structure connection between wall panel & slab panel (inner corner)

SLAB OUTER CORNER



Size- 400x400 mm Dependent upon each structure connection between wall panel & slab panel (outer corner)

BEAM BOTTOM PANEL



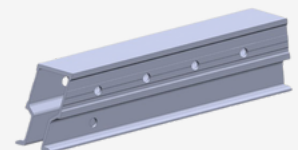
Dependent upon each structure soffit panel will be used to cover the bottom of the beam

MIDDLE BEAM (MB)



Dependent upon each structure used to joint the prop heads, the middle beam support the slab panels

END BEAM (EB)



Dependent upon each structure used to joint the prop head and slab corner, the end beam supports the slab panels

HEAVY WALLER

Dependent upon each structure used to joint panels together around the wall & column depending on the thickness

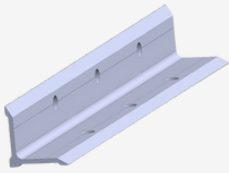


BEAM BAR

Dependent upon each structure used to joint the prop head with the beams (middle beam & end beam)



EXTRUDED CORNER ANGLE



Dependent upon each structure Used to joint panels together around the corners

WALLER BRACKET



Dependent upon each structure the waller-bracket and square pipe are used to allow the. Horizontal straightness of wall panels and a flat wall surface(especially at the bottom) after concrete casting

LONG PIN



Dependent upon each structure The long pin and wedge pin will be used to fix the joint pin soldier tie (ST) with the prop head and beams (middle beam or end beam together

WALL TIE



Dependent upon each structure the flat tie is used to joint the wall panel to the opposite side's wall panel. Depending on the wall panel's height, the number of flat tie used will vary.

PLASTIC ROLL



Dependent upon each structure made of PP material ,the pp sleeve will be installed between the wall panel and the opposite side's wall panel. The flat tie will be inserted inside this item in order to protectthe flat tie to be casted within the concrete.

MS PROP SUPPORT



Dependent upon each structure the pipe support is used to support the weight of the slab during concrete pouring and casting.

TIE ROD



Dependent upon each structure the accessory will be used as an embed- ded anchor in order to fix the bracket on the concrete surface during its installation.

WALL & SLAB PLATFORM



Dependent upon each structure as a substitute of a scaffolding system, these wall platform , slab platform will be fixed on the concrete, (wall vs slab) and used as working platform for workers.

WEDGE & ROUND PIN



Dependent upon each struc- ture the round pin and wedge pin will be used to joint the wall or slab panels together

BOLT, KICKER NUT WASHER

Dependent upon each structure this set of accessories will be used as an embedded anchor in order to fix panels on the concrete surface during its installation

