

Indian Concrete Institute



Your Formwork Partner Since 1991

MFE FORMWORK

Speed Quality Efficiency



MFE – LEADING MANUFACTURER OF ALUMINIUM FORMWORK FORMED IN 1991 AS MIVAN FAR EAST







MFE – LEADING MANUFACTURER OF ALUMINIUM FORMWORK FORMED IN 1991 AS MIVAN FAR EAST



SO FAR SUPPLIED FORMWORK IN 45 COUNTRIES.
SUPPLIED FORMWORK IN 20 COUNTRIES IN 2022.

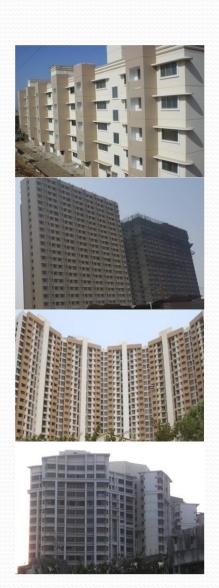
- IN INDIA SINCE 2001 (IN INDIA, ALUMINUM FORMWORK IS CALLED MIVAN FORMWORK)
- MORE THAN 750 PROJECTS ACROSS INDIA
- MORE THAN 175 CLIENTS IN INDIA
- 2022 DISPATCH ESTIMATE OF 570,00 M2 OF FORMWORK IN INDIA.



ALUMINIUM FORMWORK PROJECT













WHAT IS ALUMINIUM FORMWORK



UNLIKE TRADITIONAL FORMWORK, MODULAR ALUMINIUM FORMWORK IS DESIGNED SPECIALLY FOR A PROJECT, MANUFACTURED IN FACTORY WITH PRECISION & ASSEMBLED ON SITE.



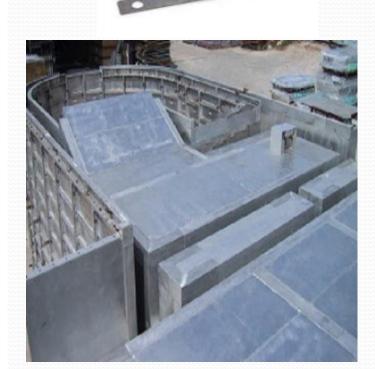








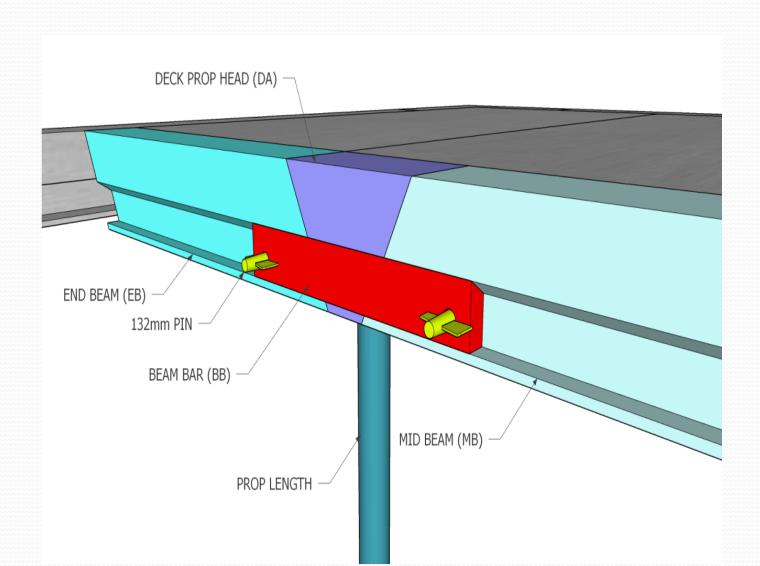






WHAT IS ALUMINIUM FORMWORK









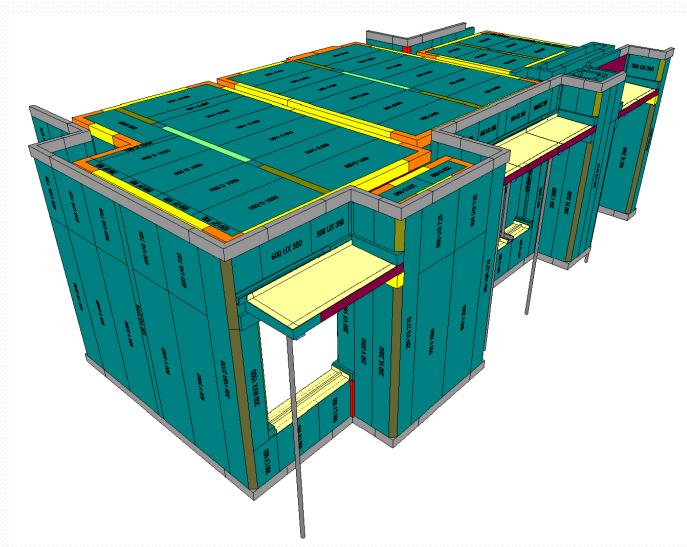
FREEZE PLAN







DESIGN







MANUFACTURING







TRIAL ERECTION OF COMPLEX PART







ERECTION ON SITE

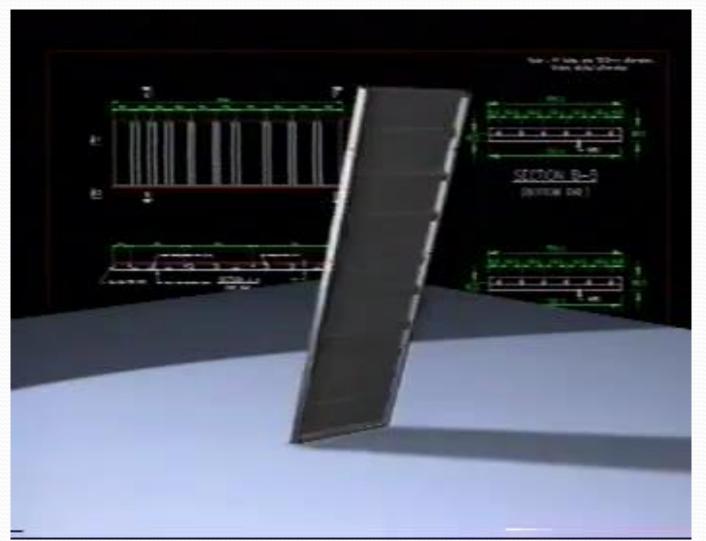




SALIENT FEATURES OF ALUMINIUM FORMWORK



SIMPLE PIN/WEDGE SYSTEM

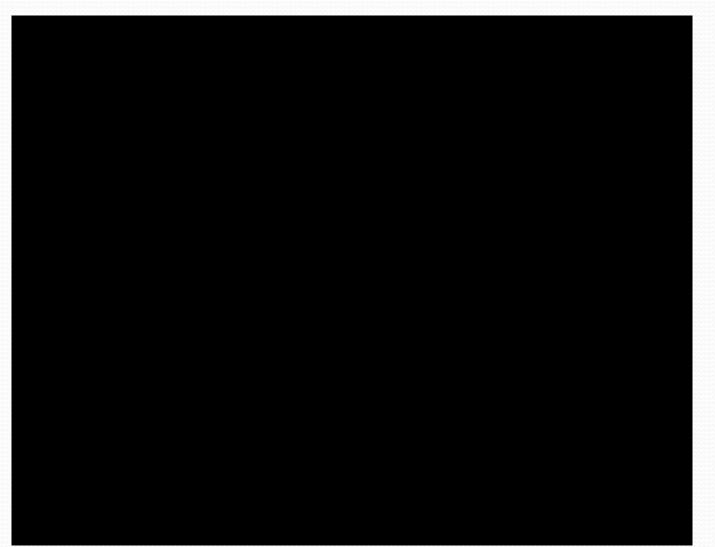




SALIENT FEATURES OF ALUMINIUM FORMWORK



PROPPING SYSTEM







LIGHT WEIGHT BUT STRONG



AVERAGE WT 22 KG/M2

WITHSTAND 5 T/M2

MANUALLY HANDLED





NEED ONLY SEMI SKILLED LABOURS







MONOLITHIC POURING







HOUSE KEEPING LOT EASIER





SERVICES IN ALUMINIUM FORMWORK

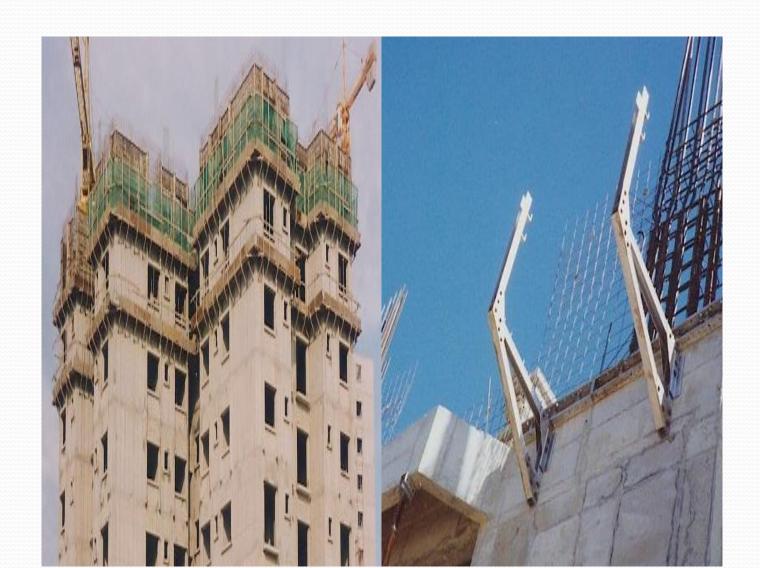






ALUMINIUM FORMWORK BRACKETS TO WORK FROM OUTSIDE

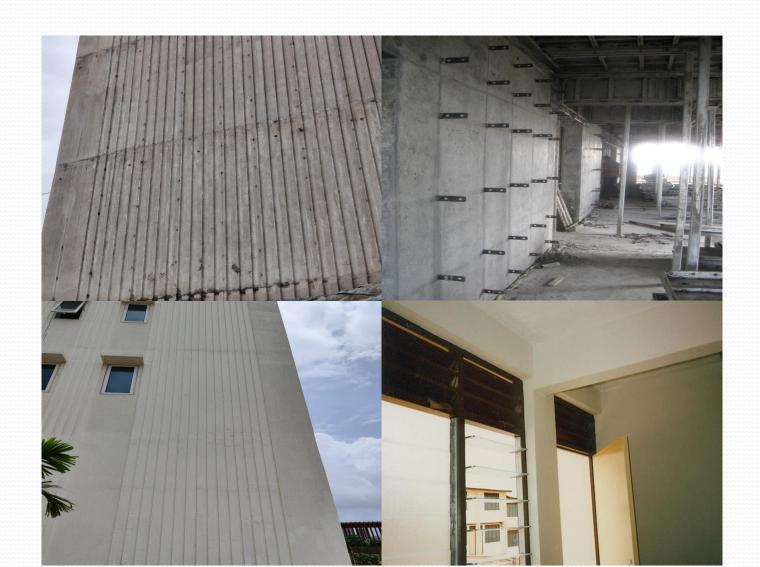






FINISH IN ALUMINIUM FORMWORK NEEDS JUST 4 TO 5 MM SKIM COAT









SPEED - 4 DAY CYCLE

INTRODUCTING PRODUCTION LINE APPROACH ON SITE CREATE TEAM FOR CORE TASKS

WALL STEEL
FORMWORK
SLAB STEEL
CONCRETE POURING





TEAM 1 - WALL STEEL







TEAM 2 - FORMWORK ERECTION









TEAM 3 - SLAB STEEL







TEAM 4 - CONCRETE POURING

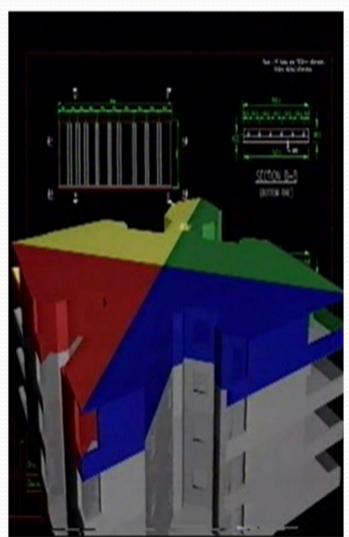






ACTIVITY CHART

DAYNUBER		1	1	1	- 4	1	- 1	1	- 1	1	1	- 11	12	
LOCATIONS		LEFEL I MALLS + LEFEL 2 SLAB				LERELS HALLS + LERELS SLAB					LENELS WALLS			
ACTIVITES										+LEVEL 4 SLAB				
FLOORSECTIONA														
COLUMBI SEE A TSTFX MILA E	1	Vall Stel				MESH				16E3tel				
Stie Hell Farmork	2					She lists				Shellet				
Eest Mall Formack	3		Exclinis				Entitles				Eart/Vals			
Stile Deck Farmon	4	- 8		- 1			Shippi			- 1	2620			
Estiletiformoli	5		End Dade				East Date				End State			
Dex Sterial of FirM & E	8			Cleck Steel				1036				Jen Sei		
Concest Wall & Deck	ŧ				Par				Por				Por	
Orp & Reventi Props	1		7.0				Trail 1				100			
	П	Level 1 Halls + Level 2 State				Level 2 Halls + Level 3 Sab				Level 3 Valls + Level 4 Sab				
FLOOR SECTION 8					W-03-1			70		122				
COL Well Seed A test for MILES	9		NelStel				Val Stel				MaiStel			
Stile Hall Formack	10						Die Hab				Shie Hels			
End Rel Formack	#			Estitati				Exclinate				Extitus	1 8	
Strie Deck Formack	2							Stire Secto				this loss		
Each Each Formack	13			Eest Desig				East Dade				Bed Deds		
Dex Stell & Stelling M. & E.	4				Det The				Det Ster				Dec Se	
Concete Wall & Deck	8					iw				Par				
Ong & Re-ent Props	货			Tree 1				res.				ris		
					Level 1 Valls	+Level 2 Slab	Slab		Level 2 Halls + Level 3 Slab		Level 3 Halls + Level 4 Slab			
FLOOR SECTION C							-				-			
Od, Wall Seek And Facility A.E.	17			Val Sed				165 Stel				Vall Stell		
Stile Wall Formuck	13							Stie Net	100			Stie Hala		
Bed Ald Former's	19				Esc(Na)s				End/Not			1 2	Eec(Wa	
Stile Deck Formack	20								Station				hielkin	
Exclusiforment	2				End Deck				End (lede				Bed Se	
Dex Stell & for MIA E	2					(R)SE			- 1	LKA SEE				
Concert Well & Disck	23						Par				fü		- 8	
Stip & Re-end Props	M				A ST				in .				the file	
					Level 1 Violis + Level 2 Slab				Level 2 Malin + Level 3 Stab					
FLOOR SECTION D														
EDIÇ MAN GER A TELFIX MI A E	3				Not See				Vall Sted				16/56	
Stile Well Farmeck	8								Shellah				She'lls	
End Malifornion	Ü					ExcEVals				Enditals				
Sale Deck Formack	3									Shelks	1			
Ead Deck Formack	29				1	Eed:Dede				Eed Dede			-	
Deck Stell & Fall & E	30						Lest Set				Del Ser		- 8	
Concrete Wall & Deck	3							fur				Par		
Strp & Relead Props	2					Page				Prov.				
	Ī													
LEGENO:	Year S	itel	She His	Es	:Web	Die Deis	Est	Secie:	Deck Self	Fraction	坡	Prop.		
		RLIS	(SET OF DECKS	2 SETS										







SPEED - 4 DAY CYCLE





CARE TO BE TAKE WHILE USING ALUMINIUM FORMWORK



- PROPER SETTING OUT
- ENSURE VERTICALITY OF FORMWORK
- APPLY GOOD RELEASING AGENT
- FIXING OF PINS & WEDGES & WALL TIES, VERTICAL SOLDIERS, BUILDING SPACERS
- KICKER BOLTS MUST BE SECURED PROPERLY
- DESHUTTER FORMWORK ON TIME
- PULL OUT WALL TIES IMMEDIATELY ON REMOVAL OF WALL PANELS
- CLEANING OF EDGE EVERYTIME YOU DESHUTTER
- MAINTAIN SMALL WORKSHOP AT SITE



WHY ALUMINIUM FORMWORK



EASE OF CONSTRUCTION

MONOLITHIC CONSTRUCTION

SPEED OF CONSTRUCTION

QUALITY OF CONSTRUCTION

ECONOMY

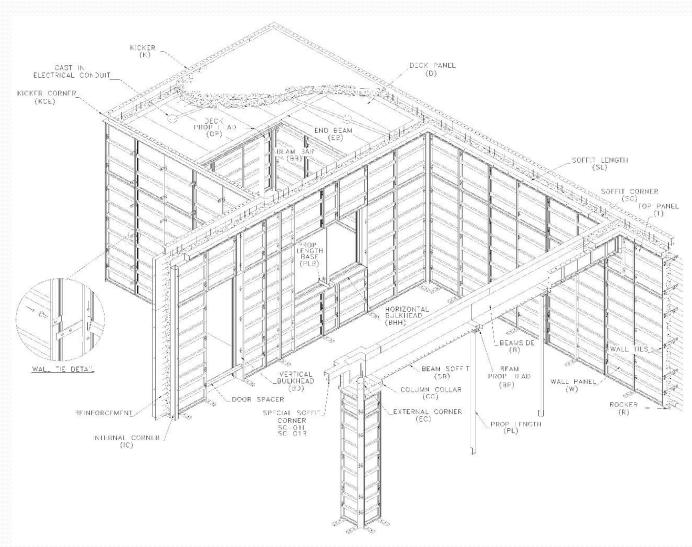




SUITABILITY OF ALUMINIUM FORMWORK



ALL KIND OF STRUCTURES





ALUMINIUM FORMWORK IS SUITABLE FOR ALL SIZE OF PROJECTS







ALUMINIUM FORMWORK FOR SPECIAL SHAPE STRUCTURES













ALUMINIUM FORMWORK FOR ICONIC STRUCTURES















QUICK DECK ALUMINIUM FORMWORK FOR LARGE SPAN SLABS



 FOR COMMERCIAL BUILDINGS, CAR PARKS, PODIUM SLABS & BASEMENTS

SLAB THICKNESS UP TO 650 MM



CLEAR FLOOR TO FLOOR HEIGHT UP TO 6.5 M



QUICK DECK ALUMINIUM FORMWORK FOR LARGE SPAN SLABS



ALL COMPONENTS





FORMWORK FOR LARGE SPAN SLABS



MAIN COMPONENTS







QUICK DECK ALUMINIUM FORMWORK FOR LARGE SPAN SLABS



INSIDE VIEW





FORMWORK FOR LARGE SPAN SLABS



INSIDE VIEW





FORMWORK FOR LARGE SPAN SLABS



PRODUCTIVITY 20 M2 PER MAN HOUR





QUICK DECK ALUMINIUM FORMWORK FOR LARGE SPAN SLABS



DESHUTTERING





FORMWORK FOR LARGE SPAN SLABS



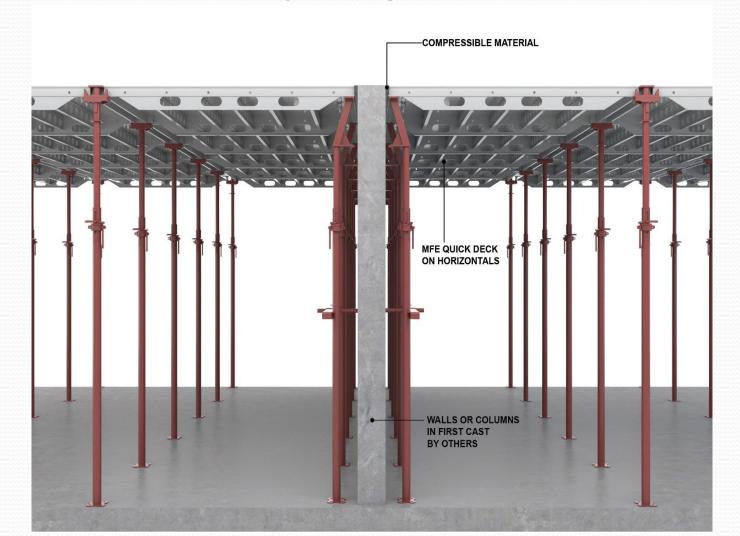
INTEGRATED WITH VERTICAL ALUMINIUM FORMWORK





FORMWORK FOR LARGE SPAN SLABS 2ND CAST WITH TRADITIONAL FORMWORK

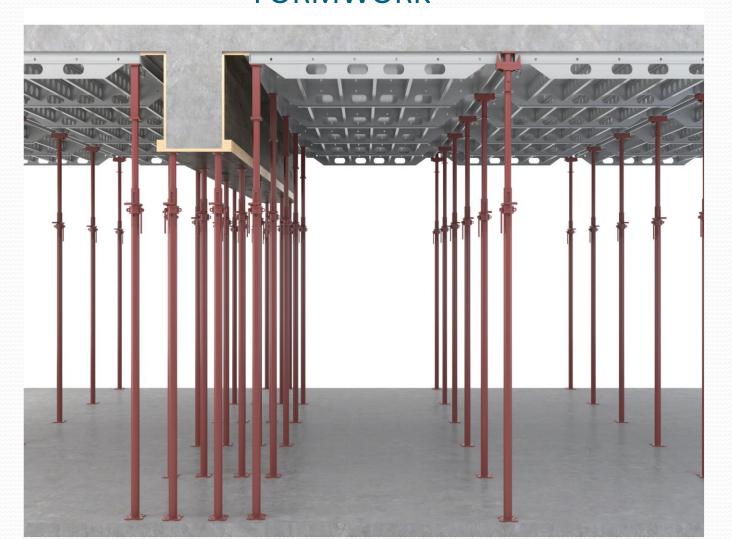






FORMWORK FOR LARGE SPAN SLABS 2ND CAST WITH TRADITIONAL FORMWORK



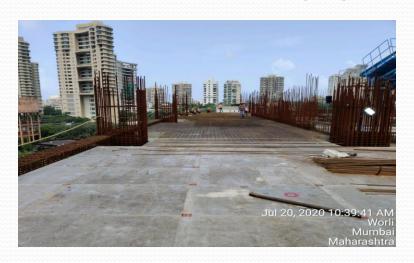




QUICK DECK ALUMINIUM FORMWORK FOR LARGE SPAN SLABS



ACTUAL PICTURES











SITE PROCEDURES









THANK YOU