DEKONIX

Dear Sir,

We take the privilege to introduce Dekonix India, a leading provider of Mivan shuttering solutions. With a strong track record of delivering high-quality, efficient, and cost-effective formwork systems, we specialize in providing advanced Mivan shuttering technology for various types of construction projects, including residential, commercial, and infrastructure developments.

Mivan shuttering offers significant advantages over traditional formworks, including faster construction timelines, superior finish quality, and the ability to form complex geometries. Our skilled team is committed to providing comprehensive support, from planning and design to installation and maintenance, ensuring that your projects meet the highest standards of safety and precision.

We would be pleased to discuss how our Mivan shuttering solutions can help streamline your upcoming projects. We believe that our services could add substantial value to your organization by improving efficiency and reducing overall project costs. Enclosed, please find more information about our offerings and previous project experiences.

Should you have any questions or wish to schedule a meeting, please feel free to contact us. We look forward to the opportunity to collaborate with you and contribute to the success of your constructions endeavours.

Thank you for considering Dekonix India as your preferred Mivan shuttering partner. We are eager to hear from you and explore potential synergies.

Warm Regards
Raj Khanna
Dekonix India
raj@dekonixindia.com
+91 9810195391

ALUMINIUM FORMWORK

DEK ALUMINIUM

DEKONIX INDIA

COMMITMENT | QUALITY | SERVICE

DEKONIX INDIA

ALUMINIUM FORMWORK

INTRODUCTION

Welcome to our business, a trusted provider of Aluminum formwork solutions for construction projects. Wo specialize in delivering high-quality formwork services to enable the smooth and efficient execution of concrete structures. It is an essential component of any concrete project, as it provides the backbone for the final product.
With our expertise and dedication to excellence, we aim to support our clients in achieving their project goals while maintaining the utmost safety and reliability.

OUR MISSION AND VISION

What we stand for: Our Mission

We make construction more efficient, faster and safer: Providing the best service to our customers is what drives us every day.

What we aspire to: Our Vision

"To be a global leader in innovative formwork solutions recognized for our commitment to excellence, sustainable practices, and transformative contributions to the construction industry

ALUMINIUM FORMWORK

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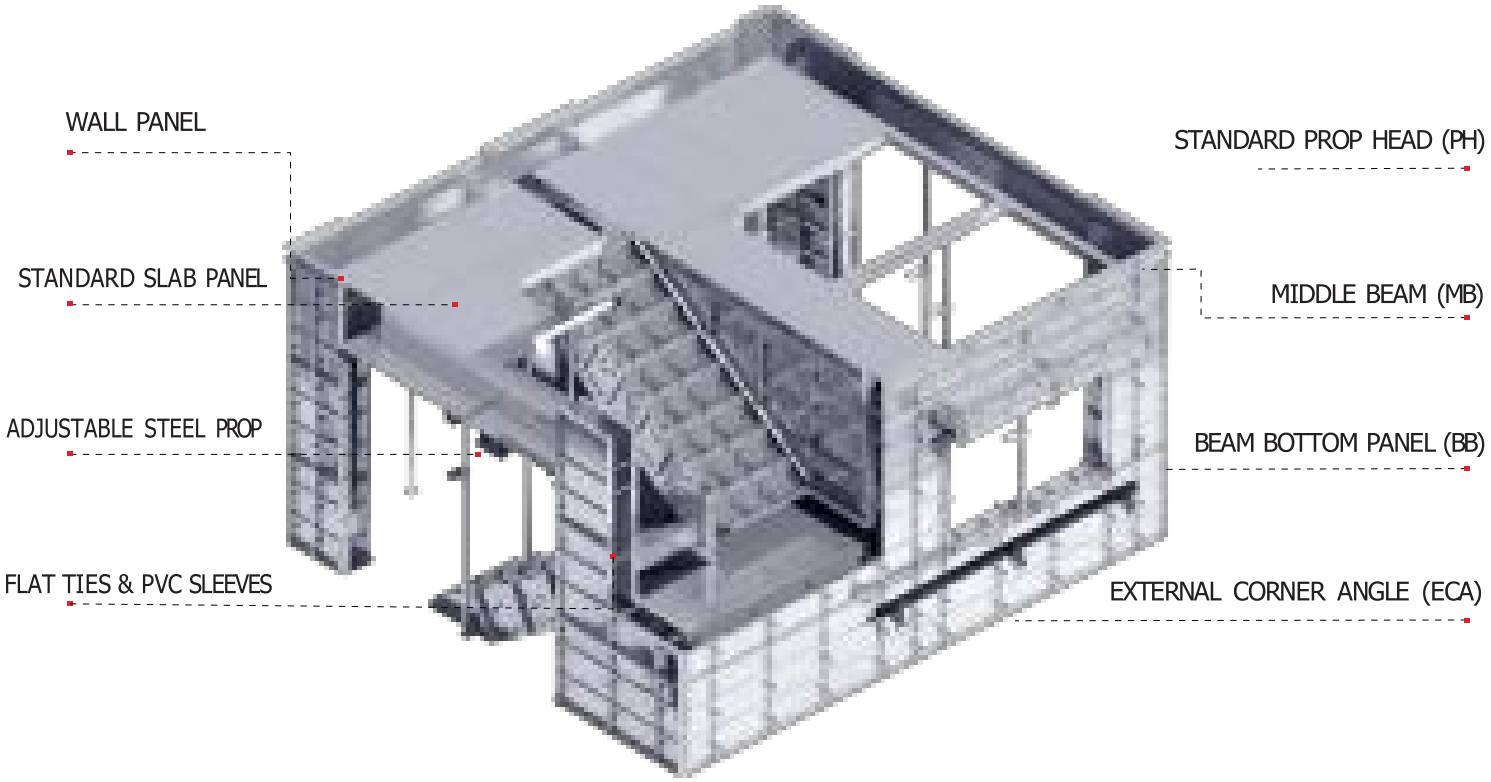
DEK Aluminum Formwork Leadership is having experience of 14 points in constructability under Buildable Design Appraisal System (BDAS) assessment which is conducted by Building and Construction Authority (BCA) in Singapore. This signifies the highest banding awarded for vertical and horizontal integrated small paneled.

Buildable Design Appraisal System (BDAS) developed a means to measure the potential impact of a building design on the usage of labor. There are 5 bends assigned to bath vertical formwork and horizontal formwork Each band is allocated with different points to reflect the relative efficiencies of various system formwork.
This paneling of system formwork is evaluated through a productivity assessment conducted by formwork system suppliers or builders and witnessed by BCA.

ALUMINIUM FORMWORK



DEKONIX INDIA

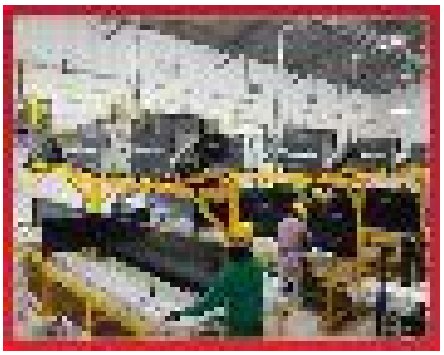
ALUMINIUM FORMWORKS

TECHNICAL SUPPORT

Our Engineering Department is manned by a highly qualified and well-trained team of engineers who can provide any technical advice or support you need.
We are one of the Indian Aluminum formwork companies who is using ALUMINIUM FORMWORK SOFTWARE that helps to design engineering shell drawing, setting drawing and production drawing to eliminate holes matching issue in standard as well as Non-standard panels and provide desired shape and size of Aluminum formwork to the client

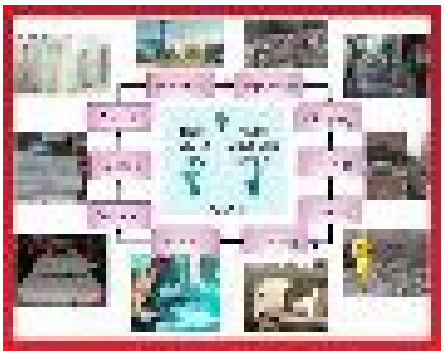
ENGINEERING DESIGN

ARK can undertake site surveys and advise customers on the most appropriate solutions to meet project requirements. Our engineering team scope and advise on all necessary details, prepare shell and shop drawing for client's understanding. Manufacturing drawing will then be prepared for fabrication and layouts plans for on-site installation.



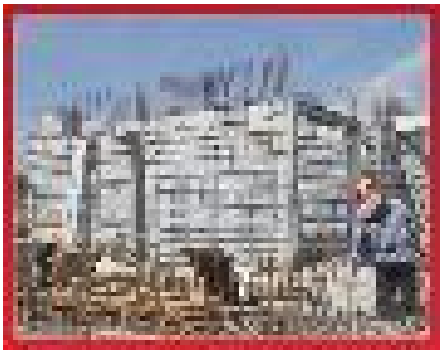
PRODUCTION

ARK products are carefully inspected at all stages of manufacturing to ensure that I meet our high quality standards. Our production teams are able to deliver and meet your project requirements.



TRAINING PROGRAMS

On site team training is the key to meet your constitution schedules. Our technical team provides a complete set of training from reading panel drawing to assembly of the system.



ON SITE SUPERVISION

Before the shipment arrives, our skilled supervisor goes to the construction site to make preparation for the aluminum formwork system.
Our supervisors are always available to assist and guide during the process of initial set up.

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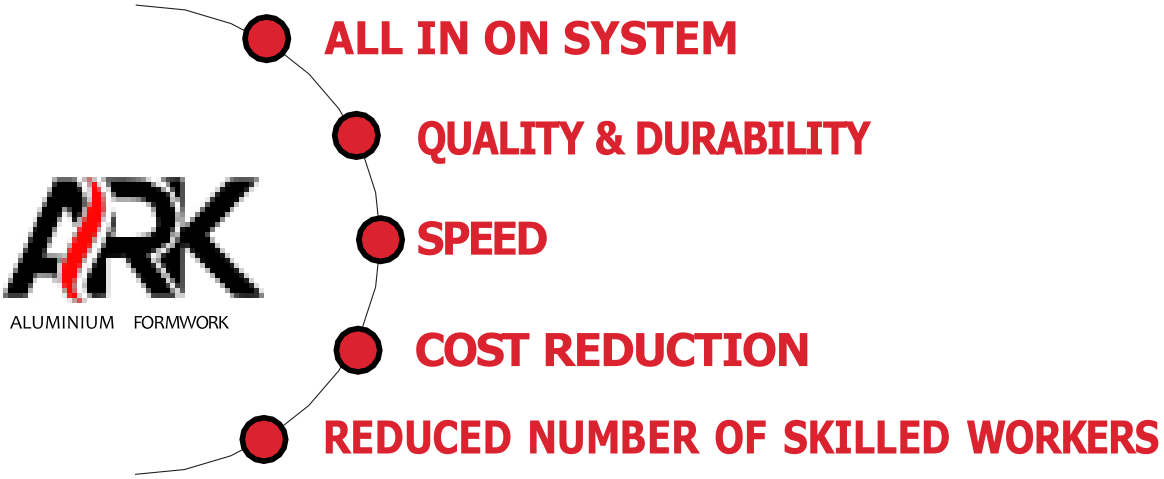
ALUMINIUM FORMWORK
DEKONIX INDIA



SPEED

Due to its monolithic system, construction speed increases and it takes around 8 to 10 days to construct a single floor. With same number of workers, contractor will expect the output to be double or triple when converts from conventional formwork system to aluminum formwork system.

COST REDUCTION

Due to its easiness of assembly, skilled workers are not required and monolithic concreting results in crack free structure. As such, extra repairing costs are saved and initial cost is further reduced with high repetitive usage.

QUALITY & DURABILITY

Having Aluminum alloy (A8061-16) as the material yield its repetitive use up to 200 times. Moreover, due to the smooth surfaces and dimensional accuracy in the panels plastering and remedial works are not required after concrete casting.

REDUCED NUMBER OF SKILLED WORKERS

The assembly of aluminum formwork system is simple and convenient. It can be assembled manually without any machines assistance. Long training hours are not required for non-skilled construction workers. A simple hall cay training is sufficient for the non-skilled construction workers to understand the system.

ALL in ONE SYSTEM

Aluminum Formwork system provides wide range of applications, from wall formwork, horizontal floor slab columns, beams to stairs. It also has high recycling value that is friendly and safe to the environment.

ALUMINIUM FORMWORK

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TECHNICAL SPECIFICATION

ALUMINIUM Grade	ALUMINIUM Alloy (A6061-T6)
ALUMINIUM EXTRUSIONS	ALUMINIUM EXTRUSIONS (A6061-T6)
TYPE OF TREATMENT	T6
RAW MATERIAL SOURCE	HINDALCO, JINDAL, GLOBAL, NATIONAL ALUMINIUM ETC.
THICKNESS OF THE SHEET	4mm
SIDE RAIL	65mm (8mm Thick)
AVERAGE WEIGHT OF SYSTEM	20-25 kg approx
OVERALL TENTATIVE WEIGHT OF ALUMINIUM	21-22 kg approx
OVERALL TENTATIVE WEIGHT OF MILD STEEL	9-11 kg approx
TYPE OF FABRICATION	Extrusion+Friction Welding Mig (Robotic & Manual Welding)
WELDING WIRE GRADE (ALUMINIUM)	ER4043, ER5356 (INDALCO)
STANDARD SIZE	2050X600MM (Wall Panel) 1200x600 MM (Deck Penel)
HOLE PATTERN	50@50 (Deck Panel)
CORNER GUSSETS	125@200 (Wall Panel) Provided
TYPE OF STIFFENER USES	3 Types (H.I.U)
LACQUER COATING	Poly Urethane Acrlic With 25-30 Micron
LOAD RATING OF PANEL	67.5 KN/m2
WALL TIE THICKNESS	3mm

ALUMINIUM FORMWORK

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FORMWORK COMPONETS

STANDARD WELL PANEL forms the face of the wall and stiffeners of wall panel are designed such a way that a worked can easily lift and handle there in no mid-welding in a standard wall panel width.

Item Description	
Standard Wall Panel	600mm x 2400mm (H)*
	450mm x 2400mm (H)*
	20mm x 2400mm (H)*
	175mm x 2400mm (H)*

*** Height (H)* of the Wall Panel Depends on design requirement. It will either be the standard wallpanel height or a single Wall Panel Height.**

STANDARD WALL IN- CORNER PANEL

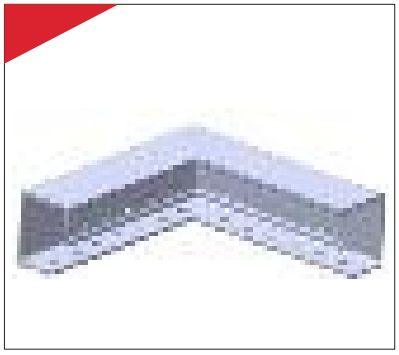
Connects two panels and covers a scalloped edge space, where the two panels meet.

Item Description	Dimension	
Standard Wall Pa Corner Panel	(100+100) mm x 24	m
	el (100+125) mm x 245	m
	(100+150) mm x 24	m
	(100+175) mm x 24	m

***Size (LXB)* of the In-Corner Panel Depends on design requirement.**

JOINT BAR

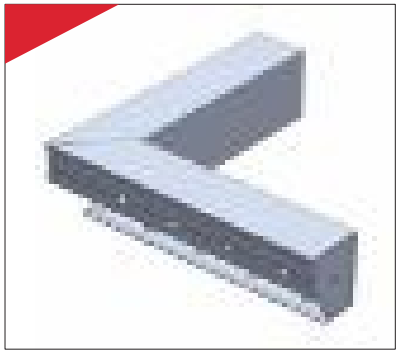
Used To Joint The Prop Heads With The Becams (Middle bean Abd/ or End Beam)



Dependent upon each Structure

SLAB IN CORNER

Connection Between Wall panel & Slab Panel (inside)



Dependent upon each Structure

SLAB OUT CORNER

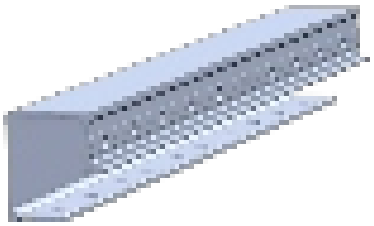
Connection Between Wall panel & Slab Panel (outside)

DEKONIX INDIA
SLAB COMPONENTS

ALUMINIUM FORMWORK

STANDARD SLAB PANEL sustain the weight of concrete while pouring and provide a horizontal surface for casting to form slab, it rests in between two adjacent slab beans.

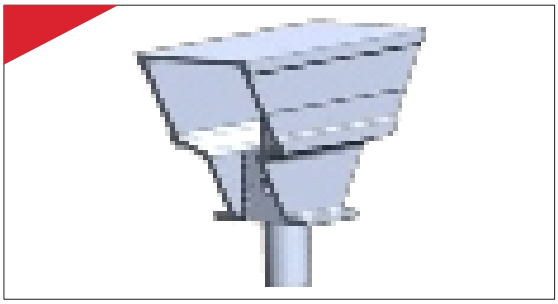
Item Description	Dimension
Standard Slab P nel	600mm x 1200mm
	450mm x 1200mm
	200mm x 1200mm
	175mm x 1200mm



SLAB LENGTH is used to sustain the weight of concrete while pouring and casting jobs to form slab. It is used to connet wall and slab panel

Item Description	Dimension	
Slab Lenth	(125mm + 100 mm)	x (L)*
	(150mm + 150 mm)	x (L)*
	(125mm + 75 mmm) x	(L)*

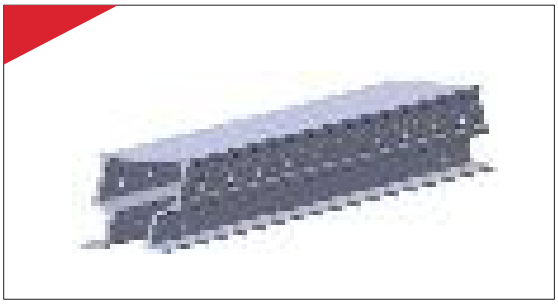
*Length (L) of slab length depends on design requirement.



Size: 100 x 200

PROP HEAD [PH]

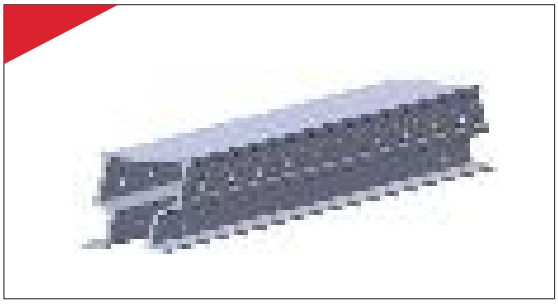
Used to join the beams together (Middle beam and/or End beam), the pipe support will be placed under the prop head



Size: 100 x 900 | 100 x 1050

MIDDLE BEAM (MB)

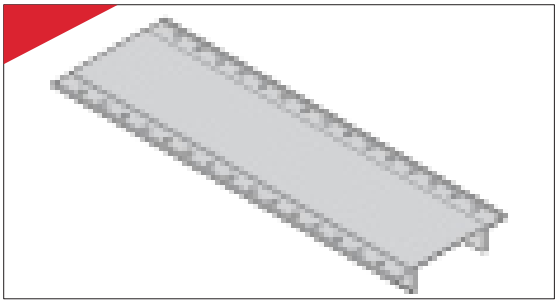
Used to join the prop heads, the middle beam supports the slab panels



Size : 150 x 600 | 150 x 900 | 150 x 1050

END BEAM (EB)

Used to joint the prop head and slab corner, the end beam supports the slab panels



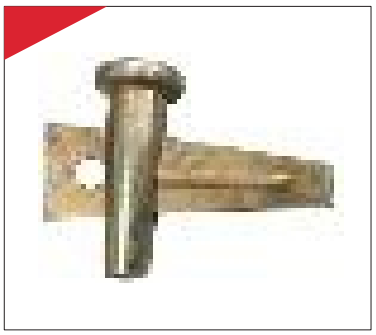
Size 1050 (L) x 150 (W)

BEAM PANEL

Used to joint the beams together (Middle beam and/ or End beam), this special prop head will be placed where a normal prop head cannot be installed

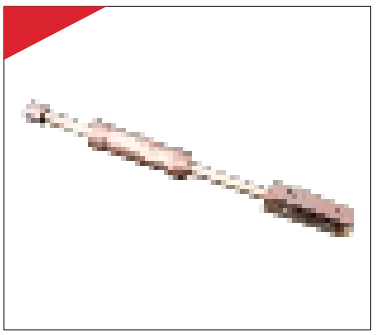
DEKONIX INDIA
FORMWORK COMPONENTS

ALUMINIUM FORMWORK



STUB PIN & WEDGE

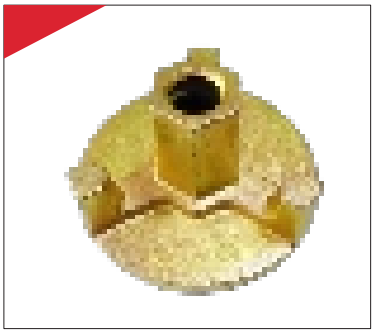
WALLER CLAMP



TIE PULLER

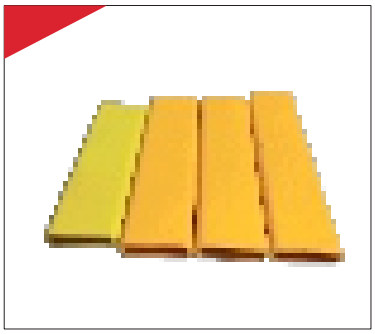
PANEL PULLER

MS WALL TIE



WING NUT

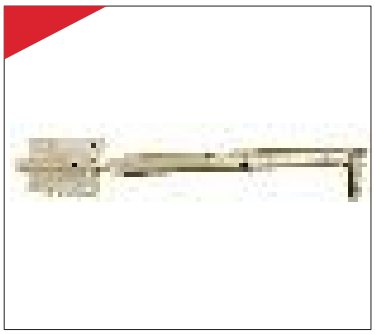
KICKER NUT BOLT



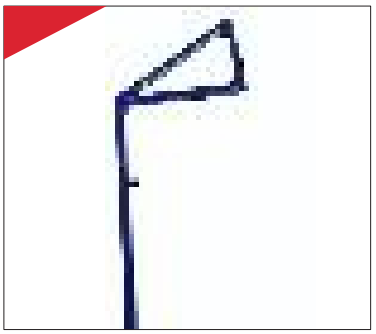
PVC SLEEVE

ADJ. PROP

LONG PIN



MIVAN BOTTOM ADJUSTER



MIVAN BRACKET

ALUMINIUM FORMWORK

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MANUFACTURING PROCESS

1. 

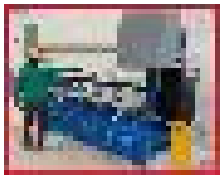
WAREHOUSING RAW MATERIALS

2. 

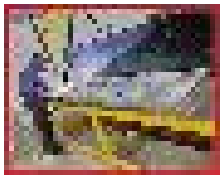
CUTTING

3. 

PUNCHING

4. 

MILLING

5. 

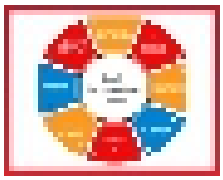
WELDING

6. 

COATING

7 

BARCODING OF PANELS

8. 

QUALITY

9. 

MOCK-UP BEFORE DISPATCH

10 

PRE-DISPATCH INSPECTION

11. 

PACKING

12 

DELIVERY

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CLIENTS

DEKONIX INDIA

CLIENT NAME : HL CITY (BAHADURGARH)

CLIENT NAME : SIGNATURE GLOBE (GURUGRAM)

CLIENT NAME : ARIHANT ABODE (NOIDA)

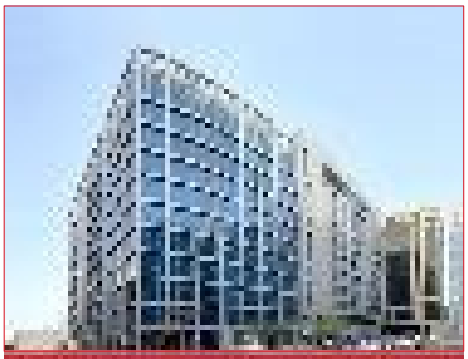
CLIENT NAME : VIKASH VINOD INFRA (PUNE)

CLIENT NAME : DIAMOND SCAFFOLDING (KOLKATA)

CLIENT NAME : DN HOMES (BHUVNESHWAR)

CLIENT NAME : AMAATRA CRYSTAL (GAGHIABAD)

CLIENT NAME : KOTHARI CONST. (AKOLA MH.)



CLIENT NAME : MY HOME HYDERABAD (AKOLA MH)

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