



CIAN Enterprises

SPECIALIST IN MANUFACTURING CONCRETE BLOCKS

Manufacturing Process Of Concrete Blocks



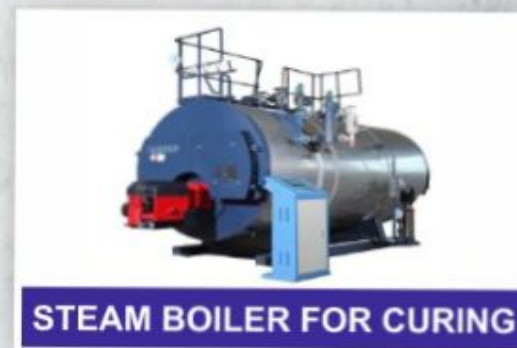
CIAN Enterprises

Manufacturing Set - up

Our batching plants raw materials are segregated by sieving method and the mixed weight to ensure accurate mixing of concrete. We have columbia pakona machine for the production of block and paver. This machine gives greater strength to the product With more resistance to water leakage. Our production is fully automated and systematic. Cpmpany use forklift for nil wastage. Forklifts ensuring safe conveyance of blocks amd minimizing damages, all products are moved on forklifts & monitored strictly. Using Boiler for steam curing system for getting effective curing.

Columbia Machine (USA)

We have columbia pakona machine “ model spm20” it is perfect for high quality and continuous production. Columbia pakona Machine is the world leading manufacturer of concrete production equipment , serving customer in over 100 countries from Concrete product equipment and plants to mixing and batching to automatic cubing and palletizing



Curing Process

After block production. Blocks are kept into trays, and curing done by steam boiler in five humidity chambewrs for 1 day. Water curing Done for 14 days and air curing for 14 days then block became ready to dispatch.

Quality Control

We have inhouse laboratory for checking block at our factory. Before dispatching any material, some sample blocks are checked Regularly. Every vehicle dispatched with the test report.

Who We Are ?

Profile

Cian Enterprises Established In Year 2018. The Founder MR.ESARUL SHAH Having Extensive Experience In The Domian And Have Emerged As One Of The Leading Name.we Reputationfor Being Able To Deliver Cost - Effective And Innovative Solution To Meet A Variety Of Requiement . We Recognize The Constanly Envolving Nature Of The Industry. Continual Focus On Quality Anf Innovation Has Enable Cian Enterprises To Build A Chain Of Client , Which Includes Some Of The Most Valued Name From The National Building And Construction Sectors. Cian Enterprises Is A Key Block Manufacturing Company. We Manufacturing Excellent Quality Product Such As Solid Block , Hollow Blocks, Paver Block And Fly Ash Bricks Etc.in All Products We Make Use Of High Grade Raw Material. Our Product Promise To Have High Compressive Strength, More Resistance To Weather , Super Thermal Insulation, A Fine Finish And Secure Structure That Complies Wiht The Revelent Indian Standard (Is 2185) For Solid Blocks And Hollow Blocks And (is 15658:2006) For Paver Blocks Specification . We Have Columbia Pakona Machine Model Spm20 For The Production. The Machine Give Greater Strength To Blocks And More Resistance To Water Leakage. Production Is Fully Automated And Well Organized. Cian Enterprises Provides Superior Quality Product, Timely Delivery With Competitive Price.

Quality Assurance

We are equipped with the world class " columbia " machine (USA) Which provides automatic PLC based plat operations. Hydraulic Compaton along with supersonic vibration of rich blends of cement Which result in high strength solid block upto m 7.5 grade & pavers Up to m50 grade with high abrasion intergrity.regular check list in our well Equipped laboratory ensures the quality every batch.

Our Product Knowns For :

- Super Quality
- Higher Strength
- Reliability
- Durability
- Research & Development

Our product and services are offered to the clients only after the quality In R&D department is certified from our (quality assurance) Department. Our R&D department is accommodated with various Market oriented studies and researches. The R&D personal works is Coordinationwith quality assurance department to get the advanced Quality , certified with qa department. Further, our r&d expert also Conduct market research and case studies to find out prospective Clients in national market. Because of the effort of our researchers And analysts, we are able to meet the diverse demands of our clients .

Mission

To supply our customers the highest level of quality construction Product at fair and market competitive prices. To ensure the longevity Of our company through repat and referral business achived by Customer satisfaction in all areas including timeliness , attention to Detail and service - minded attitudes. To maintain the highest levels of Professionalism , integrity, honesty and fairness in our relationships With our suppliers, subcordiators, professional associates and Customers. To be the precemient providers of superior construction Product by consistently improving the quality of our product to aa Value for clients through innovation, foresight, integrity, and aggressive Performance ; and to serve with character and purpose that brings Honor to god.



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Solid Block

We Are Strictly Follow IS:2185 Quantity Standard In Manufacturing Of Blocks.

Sr.No.	Particulars	Units	Values
1	Size	mm	390x190xThickness
2	Thickness	mm	90,125, 140, 190, 230
3	Size Tolerance	mm	+/-5
4	Compressive Strength	kg/cm ²	50-70
5	Water Absorption	%	10% Max
6	Fire Resistance	Hrs	2hrs Min
7	Dry Shrinkage	%	0.10% Max
8	Moisture Movement	%	0.03 Max



Hollow Block :

We Are Strictly Follow IS:2185 Quantity Standard In Manufacturing Of Blocks.

Sr.No.	Particulars	Units	Values
1	Size	mm	390x190xThickness
2	Thickness	mm	90,125, 140, 190, 230
3	Size Tolerance	mm	+/-5
4	Compressive Strength	kg/cm ²	50-70
5	Water Absorption	%	10% Max
6	Fire Resistance	Hrs	2hrs Min
7	Dry Shrinkage	%	0.10% Max
8	Moisture Movement	%	0.09 Max



Paver Block :

We Are Strictly Follow IS:2185 Quantity Standard In Manufacturing Of Blocks.

Sr.No.	Particulars	Units	Values
1	Size	mm	225x112.5x Thickness
2	Thickness	mm	60,80,100
3	Size Tolerance	mm	+/-3
4	Compressive Strength of 100 mm	N/Sq	Not Less than 50 N/mm ²
5	Compressive Strength of 80 mm	N/Sq	Not Less than 40 N/mm ²
6	Compressive Strength of 60 mm	N/Sq	Not Less than 35 N/mm ²
7	Water Absorption	%	Not more than 10%



Projects



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Railway Project - Uran



Metro Project - Navi Mumbai



Lodha Casabella - Dombivli

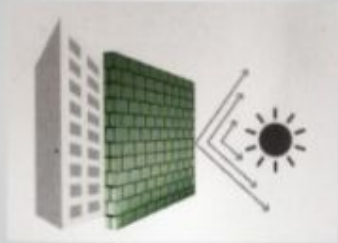


Reliance Twin Tower - Ghansoli



HP Petrol Pump - Mumbai Pune Highway

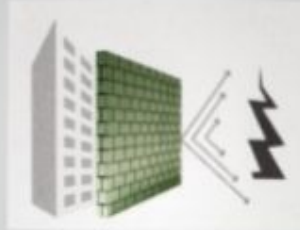
Energy



Advantage Of Hollow Block

Hollow block doesn't allow external heat to enter the internal part of room. Hollow concrete Block have good insulating properties against Sound heat & dampness

Fire Resistant



Block are suitable for use in areas where fire safety is recommended. As these blocks are fire resistance from 2 to 6 hours depending on the thickness of the wall.

Pest Resistant



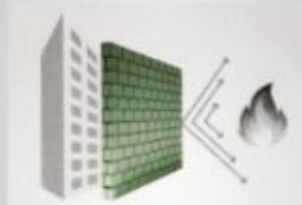
The pest resistant properties (as the blocks are made of inorganic materials) of concrete block keeps termites away, avoiding damages and losses.

Sound Insulation



Having a commendable STC (Sound Transmission class), Concrete Block Elements are appropriate material for all construction

Earthquake Resistant



The manufacturing process gives the blocks Commendable strength, maintaining is weight Property due to which the steadiness of these Blocks in buildings is more reliable, making it Earthquake resistant and giving it longer life.

Pest Resistant



For The Curing Process Of Concrete Block Walls, There is No Need To Water The Blocks, Only The Mortar Joints Need To Be Cured With Water Saving The Water Consumption.

OUR CLIENTS



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SPECIALIST IN MANUFACTURING CONCRETE BLOCKS

Manufacture Of : Solid Blocks - Hollow Blocks - Paver Blocks - Flyash Bricks

Contact No - 9372193515 / 9930423555 Email : cianenterprises@icloud.com Website : Cianenterprises.com

Add :- At Post - Jasai, Tal- Uran, Dist- Raigad, Navi Mumbai, Maharasta - 410206