



Precast Your Dreams

**ROBOTICS
BRICKS AND BLOCKS
PRIVATE LIMITED**



FLY ASH BRICKS



PAVER BLOCK



CEMENT



**WATERPROOFING
WORKS & SERVICE**



**HOLLOW/SOLID
BLOCKS**

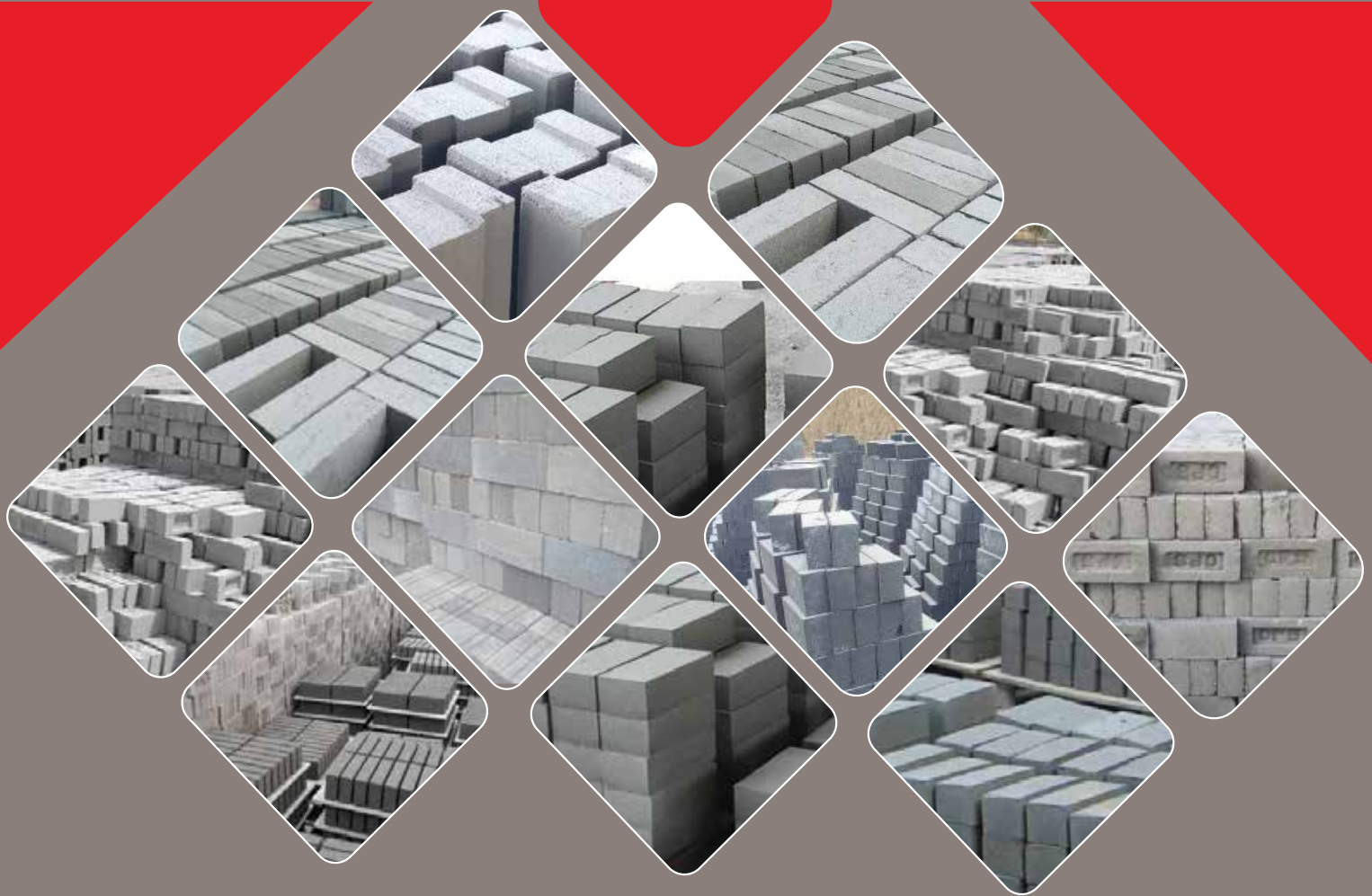


**PRECAST
COMPOUND WALL**

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FLY ASH BRICKS

Fly ash bricks are unconventional bricks manufactured from industrial wastes such as fly ash, cement, sand/stone dust. These types of bricks are nowadays used worldwide with gaining popularity over clay bricks.

The appearance of fly ash bricks is very attractive due to their pleasing color like cement, uniform size, and smooth finish. Due to uniform size, mortar required for walls and plastering reduces almost by 40-50%. Plaster of Paris (Gypsum plaster), putty can be applied directly without a baking coat of plaster. These bricks are free from cracks, warp age, organic matter, pebbles, and nodules of free lime.

The compressive strength of fly ash bricks is very high (9-10 N/mm²). Due to high strength no breakages/wastages during transport and handling. The lower thickness of joints and plaster reduces cracking in plaster. These bricks do not cause any extra load for the design of structures and provide better earthquake resistance. It improves the strength over time and offers greater strength to the building.

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ALL BRANDS PPC & OPC CEMENT AVAILABLE...

PAVER BLOCKS

Paver block or Paving block is one of the most popular flexible economical flooring options for exterior pavement applications. These blocks are aesthetically pleasing, comfortable to walk on, extremely durable, and easy to maintain. A properly installed and maintained concrete paver driveway can be expected to last 25 to 50 years. Concrete paving blocks are the most preferred choice for laying of pavements, driveways, etc.

AREA OF APPLICATION

Landscaping area, Parking, Pavements, Petrol Bunks, Larn ,etc

PAVER BLOCKS TYPES

ASTRAL	SQUARE MATT	FLEXY GREY
ANIFA	KAMETHRA	I - TYPE
LOTUS	C - TYPE	ZIG ZAG
CHECKED	BRICK WAVE	BRICK
AVAILABLE THICKNESS - 60MM AND 80MM		





READYMADE COMPOUND

We are leading supplies Compound Wall and our product is made up of good quality. These Compound Walls are manufactured from high quality Steel + concrete and are resistant to climatic changes. Precast concrete fences and boundary walls are used for variety of purpose, such as privacy, security, freeway sound barriers and perimeter safety barriers.

AREA OF APPLICATION

We uniquely design the Compound Walls so that these can be used in internal as well as external environments such as Farms, Private land, Industrial Compound, Agri lands, Factories, Real estate plot boundaries.

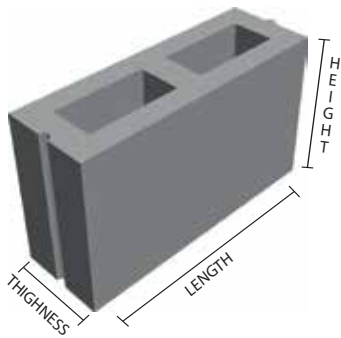
READYMADE COMPOUNDS

CAMPAIGN 3 HEIGHT	
HEIGHT	6"
HEIGHT	8"
HEIGHT	10"

HOLLOW BLOCKS

A hollow concrete block is a block made of concrete that has hollow Cell in between It is used build non loading Bearing walls such as compound, Partition was decorative walls etc.

The openings are called "cells" and one reason they are there is because they make the blocks lighter and easier for a mason to handle. But the primary purposeof the cells is that they align from top to bottom of the wall when laid, and enable a builder to fill some cells with grout/concrete to strengthen the wall. It also act as thermal insulation.



LENGTH	HEIGHT	THICKNESS
16"	8"	4"
16"	8"	6"
16"	8"	8"



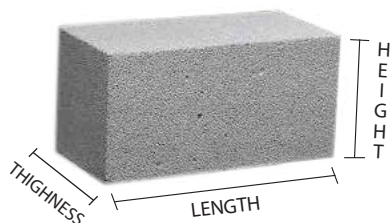


SOLID BLOCK

A concrete masonry unit (CMU) is a standard-size rectangular block used in building construction. Solid concrete blocks are used for load-bearing as well as non-load bearing walls. When it comes to tensile strength, cement concrete blocks are more favored over red bricks. Although bricks are denser than concrete blocks, they are brittle, which reduces their tensile strength by far. Cement concrete blocks on the other hand have more tensile strength.

AREA OF APPLICATION

Constructing retaining walls, garden walls, chimney and fireplaces. Residential, commercial and industrial building constructions. Additionally, these can be availed from us at reasonable price.



LENGTH	HEIGHT	THICKNESS
12"	8"	4"
12"	8"	6"
12"	8"	8"

LENGTH	HEIGHT	THICKNESS
16"	8"	4"
16"	8"	6"
16"	8"	8"



REPAIR, REHABILITATION AND RETROFITTING WORKS

Concrete is a strong surface but its structure can eventually warp and weaken due to a variety of environmental factors and general use. Dirt, chemicals, oils, and, of course, water can wear away the outer layer of the concrete to threaten foundational integrity. As cracks and deformations form, water can sink lower into the concrete and accelerate the damage. Concrete's structure makes it vulnerable to several weaknesses that decay its structure: alkalinity, permeability, and reactivity. All these properties are increased with exposure to water.

STRUCTURAL REPAIRWORKS

- ❖ Crack Filling Work
- ❖ Construction Joint Treatment
- ❖ Expansion Joint Treatment
- ❖ Micro Concrete Works
- ❖ Bore Packing
- ❖ Tile Grouting
- ❖ Floor Hardening Works
- ❖ Various Flooring Works
- ❖ Old Concrete and New Concrete Bonding Treatment
- ❖ Rebar Cleaning and Protective Coating
- ❖ Rebar Chemical Anchoring From 8mm to 20mm

WATERPROOFING

Water-resistant and waterproof often refer to resistance to penetration of water in its liquid state and possibly under pressure, whereas damp proof refers to resistance to humidity or dampness. Permeation of water vapour through a material or structure is reported as a moisture vapor transmission rate (MVTR). Waterproofing is the process of making an object or structure waterproof or water-resistant so that it remains relatively unaffected by water or resisting the ingress of water under specified conditions. Such items may be used in wet environments or underwater to specified depths.

WATERPROOFING WORKS

- ◆ Over Head Tank
- ◆ Under Ground Sump
- ◆ Effluent Treatment Plant
- ◆ Septic Tank Plant
- ◆ Water Retaining Structure
- ◆ Terrace Waterproofing
- ◆ Sunken Portion Waterproofing
- ◆ Concrete Pressure Grouting
- ◆ Wet Area Waterproofing

AREA OF APPLICATION

Residential and Commercial Building, Factories and Industrial Building, All type of Storage Tanks in portable water treatment, Sewage water Treatment (STP) and Effluent Water Treatment plants (ETP).

