



## Beautify your Hardscape Needs Like Never Before

Pavcon gives new dimensions the way your hardscaping can look bringing unparalleled beauty and value to your outdoor/construction projects.

STRENGTHENING YOUR HARDSCAPING NEEDS.



Toll Free No.

**1800 120 4060**

[www.pavcon.in](http://www.pavcon.in)



## **ECO-FRIENDLY. COST SAVING. EXTREMELY DURABLE**

We offer versatile product from the age defying Precast Concrete Blocks & Bricks to Energy Friendly THERMAL INSULATED EPS Block to elegantly designed Concrete Pavers that can beautify any outdoor living space by transforming ordinary landscapes into eye catching beautyscapes.

## **EQUIPPED WITH ADVANCED GERMAN TECHNOLOGY**

Operating on a fully automated German Vibro Compact Technology and deploying innovative Material Handling System, our manufacturing plant at Mahindra World City, Jaipur has an installed capacity to roll out 1500 Nos. Concrete Blocks, 4500 Nos. Concrete Pavers and 6000 Nos. Flying Ash Bricks per hour.



## EXPANDED POLYSTYRENE (EPS) BLOCKS

### 8" THERMAL INSULATED BLOCK

(Expanded Polystyrene  
(EPS) Blocks)

STRENGTH 5-7.5N/mm<sup>2</sup>

Length (mm)	Width (mm)	Height (mm)
400	200	200

Weight (kg) 21

Density (kg/m<sup>3</sup>) 1150

U-Value .41 w/m2K

### APPLICATIONS

- Insulation for building construction
- Cold Storage & Cool rooms
- Refrigeration Insulation
- Retaining Walls

### SPECIAL FEATURES

- Easy handling and cost effective
- Does not require any special mortars, cement or extra additives
- Sound & thermal insulation
- Big savings in room air-conditioning
- Comes with a fire rating of 6 hours
- Does not allow water and moisture to penetrate

### ADVANTAGES

- Excellent Insulation
- Efficient thermal barrier
- Saves electricity cost by over 50%
- Excellent vapors and moisture barrier
- Environment friendly CFC free polystyrene inserts.



## SOLID BLOCKS

**TECHNICAL SPECIFICATIONS: Available in 4"/6"/8"**

Sizes	Length (mm)	Width (mm)	Height (mm)	Strength (N/mm <sup>2</sup> )	Weight (kg)
4"	400	100	200	5-10	16
6"	400	150	200	5-10	24
8"	400	200	200	5-10	33

### ADVANTAGES

- Greatly Reduced Construction Cost
- Extremely Durable
- Energy Saver
- Flexible Design
- Reduced Maintenance Cost
- High Strength
- Superior Finish
- Straight Edges and corners
- Zero Breakage
- Easy MEP services

### APPLICATIONS

- Internal Partition Walls
- Foundations
- Garden Walls & Planters
- Retaining Walls
- Steps
- Acoustic separating party walls
- Inner & outer leaf of external cavity walls over 3 storied



# HOLLOW BLOCKS

## TECHNICAL SPECIFICATIONS: Available in 4"/6"/8"

Sizes	Length (mm)	Width (mm)	Height (mm)	Strength (N/mm <sup>2</sup> )	Weight (kg)
4"	400	100	200	3.5-5	11
6"	400	150	200	3.5-5	14
8"	400	200	200	3.5-5	21

## ADVANTAGES

•Highly Durable •Cost Savings upto 25% •Environment Friendly  
•Thermal & Sound Insulation •Low Maintenance •Good resistance to Fire  
•Superior Finish •Straight edges and corners •Zero breakage • Easy MEP services

## APPLICATIONS

•Basement walls •Partition Walls- usually plain-faced •Exterior Walls-usually plain-faced and then often covered with stucco  
•Most concrete hollow blocks are used as a back-up material or for cavity wall constructions



# STONE FINISHED BLOCK

## TECHNICAL SPECIFICATIONS

Product	Size (mm)	Weight (kg)	Strength (N/mm <sup>2</sup> )	Density (Kg/m <sup>3</sup> )
Split Block	400x200x200	20	7.5	>1100

## ADVANTAGES

•Beautiful look for the walls and facade •Reasonable cost, economical & time saving •Can be used in various combination and blends •Variety of distinctive textures •Possibility of combining different colors and shapes

## APPLICATIONS

•Used in boundary walls •Used in elevation •Used in buildings and concrete retaining walls •Used as sound barriers



## PRE CAST- KERB

### TECHNICAL SPECIFICATIONS

Length (mm)	Width (mm)	Height (mm)	Transverse Strength (N/mm <sup>2</sup> )	Density (Kg/m <sup>3</sup> )
600	150	300	22.5-35	>1800
300	150	300	22.5-35	>1800

### ADVANTAGES

- Environment Friendly
- Energy Efficient
- Extremely Durable
- Recyclable

### APPLICATIONS

- Heavy Traffic Areas
- Gives extra strength to the edges of the carriageways
- On footpaths/pavements protect lamp posts
- Used around signages and toll booths

### SPECIAL FEATURES

- Excellent load bearing capabilities
- Provide solid surface for plastering and rendering
- High compressive strength, resistance to weathering, impact and abrasion externally



## FLY ASH BRICKS

### TECHNICAL SPECIFICATIONS: Available in 4"

Length (mm)	Width (mm)	Height (mm)	Strength (N/mm <sup>2</sup> )	Average Gross Density
230	110	75	5-7.5	1950 kg/m <sup>3</sup>

### ADVANTAGES

- Uniform in shape and size
- Saving of cement mortar
- Product of thermal power stations
- Save agricultural land

### COMPATIBLE WITH GRIHA RATING SYSTEM

- CRITERION 15-2 points (To utilize the Fly Ash Bricks in comparison of energy-intensive materials with less energy-intensive materials.)
- CRITERION 16-2 points (Replace a part of energy-intensive materials with less energy-intensive materials and/or utilize regionally available materials, which use low-energy/energy-efficient technologies)





## NEXUS PAVERS

### TECHNICAL SPECIFICATIONS:

Length (mm)	Width (mm)	Height (mm)	Spacer (mm)	Strength (N/mm <sup>2</sup> )
225	112.5	60	1.5	30-40
225	112.5	80	1.5	40-50
225	112.5	100	1.5	50+

### ADVANTAGES

- Contemporary Style
- Transform your outdoor walkways
- Multiple combinations with color blends
- Can be used with contemporary color blends or shot-blasted effect

### APPLICATIONS

- Pathways
- Driveways
- Warehouse
- Parkings
- Open driveways

### SPECIAL FEATURES

- Cost-competitive
- Pedestrian friendly
- Rainwater harvesting
- Easy to clean & maintain
- Contribute to ground water recharge



## BEHATON PAVERS

### TECHNICAL SPECIFICATIONS:

Length (mm)	Width (mm)	Height (mm)	Strength (N/mm <sup>2</sup> )	Spacer (mm)
200	165	80	40-50	1.5

### ADVANTAGES

•Environment Friendly •High Energy Efficient •Recyclable •High Durability

### APPLICATIONS

•Internal Road of Townships •Industrial Areas •Plotting Schemes  
•Warehousing & Petrol Pumps

### SPECIAL FEATURES

•Contemporary Style •Transform your outdoor walkways •Multiple combinations with color blends •Contemporary color blends or shot-blasted effect



## DECORA PAVERS

### TECHNICAL SPECIFICATIONS:

Length (mm)	Width (mm)	Height (mm)	Spacer (mm)	Strength (N/mm <sup>2</sup> )
200	100	60	1.5	30-40
200	125	60		
200	175	60		
200	225	60		
200	275	60		

### ADVANTAGES

•Environment friendly •High Energy Efficient •Recyclable •High Durability

### APPLICATIONS

•Pathways •Internal Roads •Outdoor walkways •Parking Bays



## HOLLAND 100 MM

### TECHNICAL SPECIFICATIONS: Dimensions

Length (mm)	Width (mm)	Height (mm)	Spacer (mm)	Strength (N/mm <sup>2</sup> )
200	100	100	1.5	50+

### ADVANTAGES

- Contemporary style
- Transform your Driveways
- High Strength & Uniform Dimensional
- Abrasion Resistant
- Uniform Grooved
- Multiple combinations with Color Blends & Shot-Blasted Effect

### APPLICATIONS

- Heavy Traffic Area
- Concrete Parking
- Terrace
- Patios
- Swimming Pool Areas



## HOLLAND PAVERS

### TECHNICAL SPECIFICATIONS: Rectangular & Square

Length (mm)	Width (mm)	Height (mm)	Spacer (mm)	Strength (N/mm <sup>2</sup> )
100	100	60	1.5	30-40
200	200	60		
200	100	60		
150	150	60		

### ADVANTAGES

- Contemporary Style
- Transform your outdoor walkways
- Multiple combinations with color blends
- Contemporary color blends or shot- blasted effect

### APPLICATIONS

- Pathways
- Patios
- Petrol Pumps
- Terrace
- Swimming Pool Areas
- Concrete Parking



# GRASS PAVERS

## TECHNICAL SPECIFICATIONS:

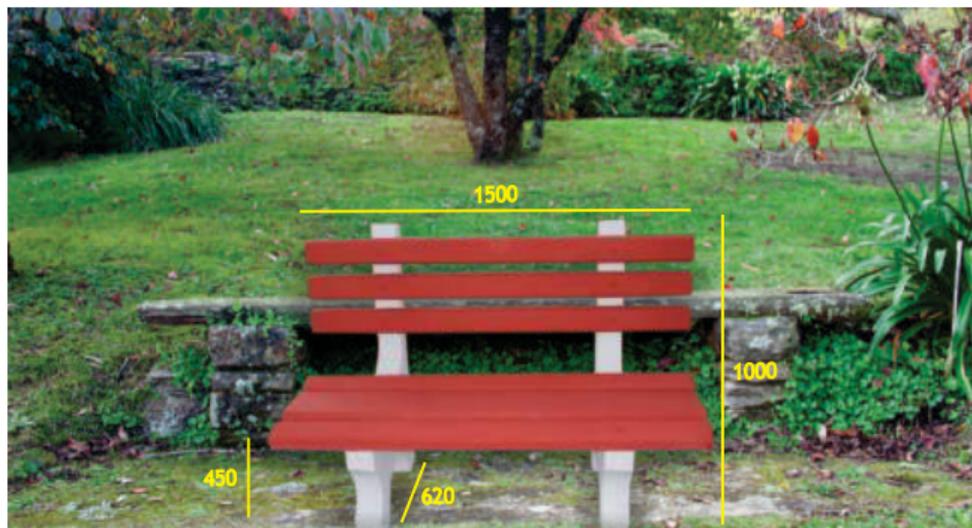
Size	Average weight	Density	Strength
300mm*300mm*60mm	7.5kg	1388.89kg./M <sup>3</sup>	>3.5MPa
600mm*400mm*80mm	25kg	1302.08kg./M <sup>3</sup>	>3.5MPa

## GRASS PAVERS PROVIDE

•Hard Standing •Erosion Control •Ground Armoring •Access paths and parking in environmentally sensitive areas

## APPLICATIONS

•Off-street residential parking •Overspill commercial or retail parking •Occasional parking for cricket clubs, schools, churches, caravan parks, cemeteries etc. •Nature reserves, sensitive heritage sites and country parks.



## GARDEN BENCH

Each bench consists of 2 Nos. L-Shape Base support in Grey Cement Color and 6 nos. Reinforced Concrete Planks in Red Color.

### FEATURES:

- Durable •Chemical Resist •High Quality and Uniformity
- Environment Friendly



## SPORTS BENCHES

Manufactured by using M-30 Grades of concrete, suitably reinforced to Promote long use and to prevent damage during handling, transportation & erection.

### FEATURES:

- Durable •Chemical Resist •High Quality and Uniformity
- Environment Friendly



# BOLLARDS

## FEATURES

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•The bollard is reinforced with TMT Rebars. •The bollard is manufactured with cement of M-30 Grade by vibro compaction method.

## AESTHETICS

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Precast concrete products are both functional and decorative. They can be shaped and molded into an endless array of sizes and configurations. Precast concrete can also be produced in virtually any color and a wide variety of finishes to achieve the desired appearance for building and site application.

## STRENGTH

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The strength of precast concrete gradually increase over time. Other materials can deteriorate, experience creep and stress relaxation, lose strength and/or deflect over time. The load-carrying capacity of precast concrete is derived from its own structural qualities and does not rely on the strength or quality of the surrounding backfill materials.

## FIRE RESISTANCE

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Precast concrete is noncombustible. Also, concrete does not lose its structural capacity nearly as quickly as steel. Other materials besides concrete and steel are flammable and/or do not perform well in elevated temperature.



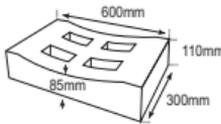
U-DRAIN WITH COMPLETE COVER SIZE		
Length (mm)	Width (mm)	Height (mm)
500	400	350

Weight (kg) 80  
Density (kg/m<sup>3</sup>) 2285.71

## U-DRAIN

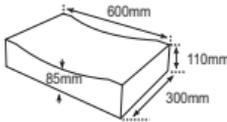
### FEATURES

- U-Drain are manufactured as per IS456 (2000)
- Manufactured with M-30 grade of concrete by vibro compaction process
- Suitably reinforced to promote long life
- For Jointing, it is recommended to fill the joint between two adjacent drains with cement mortar
- The drain should be laid on a properly compacted base



SAUCER DRAIN WITH COMPLETE COVER SIZE		
Length (mm)	Width (mm)	Height (mm)
300	300	70mm/100mm

Weight (kg) 17kg  
Density (kg/m<sup>3</sup>) 2222.22



SAUCER DRAIN WITH COMPLETE COVER SIZE		
Length (mm)	Width (mm)	Height (mm)
600	300	85mm/110mm

Weight (kg) 38  
Density (kg/m<sup>3</sup>) 2412.70

## SAUCER DRAIN

### FEATURES

- Saucer Drain are manufactured as per IS456 (2000)
- Can be solid or perforated
- Manufactured by M-30 grade of concrete by vibro compaction process using less FRP moulds so as to achieve shuttering finish
- Perforated saucer drains are reinforced, while the plain ones can be reinforced on request.

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