



G. K. Precast

AN ISO 9001:2015 & ISO 14001:2015 CERTIFIED COMPANY

Welcome to **G. K. PRECAST**

G.K. Precast is one of the most trusted manufacturer of precast concrete products.

Creating shapes of natural stone from concrete by mixing rich chemicals for superior quality. G.K. Precast is specialized for manufacturing of all precast products like Pre polished interlocking tiles, pavers block (polished & non-polished, Shot blusted paver blocks), kerb stone, manhole cover with frame (R.C.P.C, SFRC and PFRC), Grating, Stamp Concrete, Roof tiles, Heat proof tiles, GRC product and all precast solutions in concrete products since last 15 years, by having three manufacturing units at Kolkata, North 24 Pgs and Nadia Dist.

To maintain an excellent quality as per IS 15658 - 2006 for pavers , IS - 1237-1980 for tiles and IS 12592 - 2002 for Manhole cover and Grating we are using the best quality and branded cement and UV stabilized imported pigments with rich concrete mix by using other aggregates to make its strength very high.

G.K. Precast tiles and pavers are anti fungus, anti fade colours, unique designs for pavement, road, wall, floor, ramp, step with antiskid texture and ready to lay for interior and especially for exterior application.

We have our strong R & D department and quality control team to develop designs from time to time and to ensure good quality products that meets the international standards. Our growth has excelled over a period of time with our strong infrastructure, customer approach and consistent efforts.

Our Visions

To be the best in concrete industries along with the largest precast solutions provider in India by fulfill the needs of the customers satisfactions by maintaining the commitment to clients, providing good after sales support and to make good bonding strength between customers and the manufacturer through our efficient and skillful team.

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01

STAIR TILES



Size : 305mm X 305mm
1 Pc : 1.00 Sq.ft.



Size : 305mm X 305mm
1 Pc : 1.00 Sq.ft.



Size : 300mm X 150 mm
1 Pc : 0.50 Sq.ft.



1 Pc = 0.186 Sq.ft
Size = 230 mmX75 mm 15mm



370 X 370 mm
Thickness: 100/80mm



350 x 350 mm
Thickness: 80mm



400 x 400 mm
Thickness: 60/80/100mm



400 x 400 mm
Thickness: 80mm



HDPE Grasspaver is porous to Air and Water, so it maintains excellence root system and prevents compaction of root zones.

HDPE Grasspaver offers a high level of rigidity and load bearing capacity, consistent with hardsurfaced materials such as asphalt and concrete.

HDPE Grasspaver has a simple yet strong cell structure that increases its scope of usage on various surfaces including terrace garden and fire lanes.

In HDPE Grasspaver two or more mats can be locked (or entwined) easily at the same plane.

	GP 2525	GP 2540
Dimension	500x500x25	500x500x40
Material	Hi-Impact Polypropylene/HDPE	Hi-Impact Polypropylene/HDPE
Compressive Strength/m ²	Above 250 tons	Above 200 tons
Weight/m ²	3.3 kgs	4.0 kgs
Productivity	125000 Sq.mts	125000 Sq.mts

Application area:-



Car Parking



Pavements & Pathways



Fire Lanes



Demand Parking



05

RECTANGULAR



1 Sq. mtr = 48 pcs
Thickness : 40/60/80 mm



1 Sq.mtr= 23 pcs
Thickness : 40/60 mm.



Size : 1 Sq.mtr = 22.5 Nos.
Thickness : 60 mm



Size : 1 Sq. mtr = 33 Nos.
Thickness : 60/80 mm



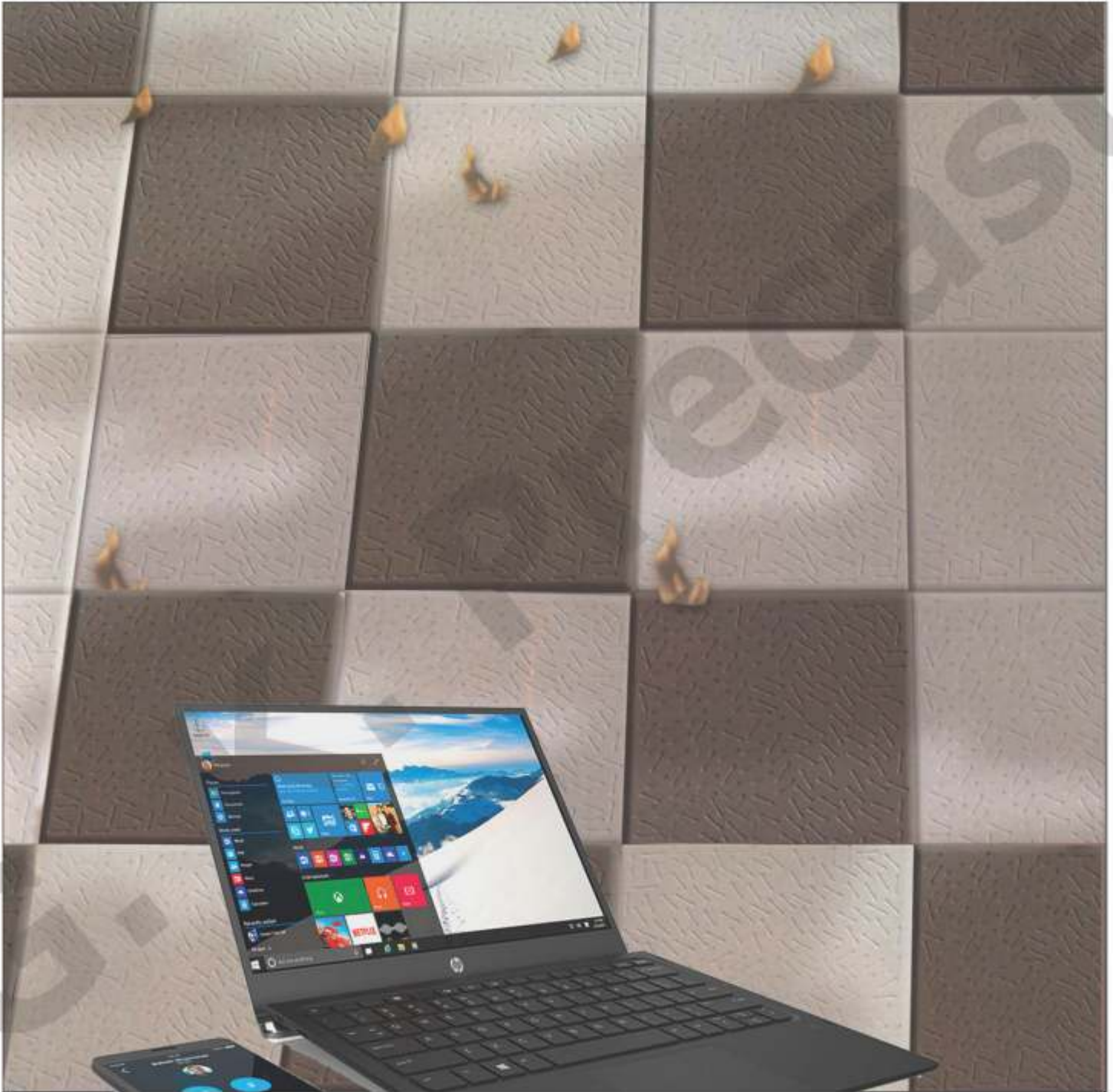
Size : 1 Sq.mtr = 32 Nos.
Thickness : 40/60/80 mm



1 Sq. mtr = 27 pcs.
Thickness = 60/80 mm

11

SQUARE DASH



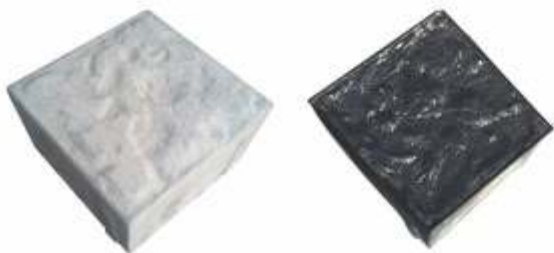
Size : 200mm X 200mm
1 Sq.mt = 24 pcs
Thickness = 40/60/80mm



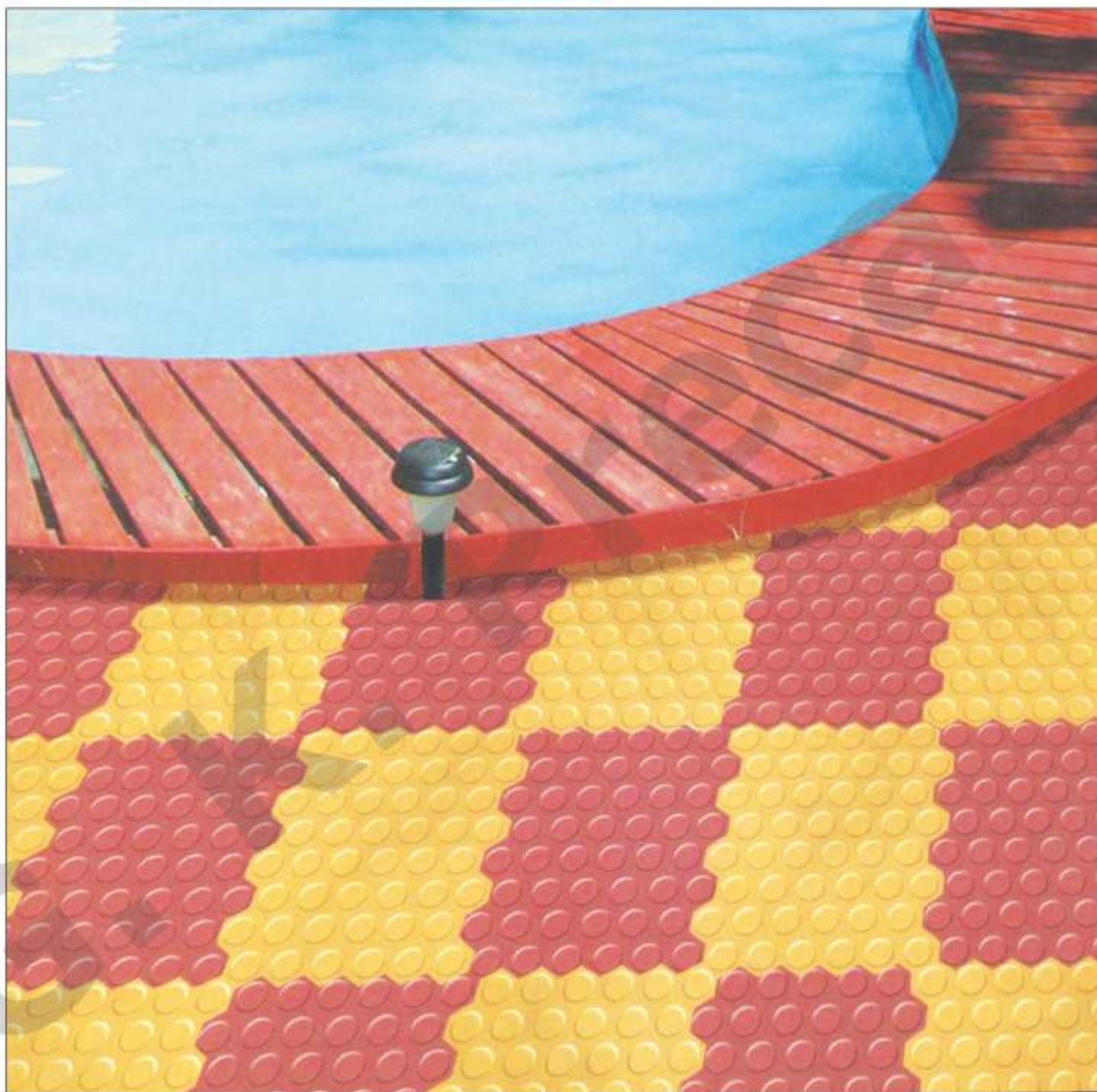
Size : 1 Sq. mtr= 25 Nos.
Thickness= 40/60mm



Size : 305 X 305mm
1 Sq.ft = 1 pcs.
Thickness= 25 mm



Size-= 100mm X 100 mm
1Sq.ft. = 9 pcs
Thickness = 60 mm



Size = 320mm X 320 mm
1.102 Sq. ft.= 1 Pcs
Thickness= 25 mm



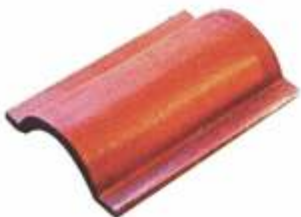
Size = 203mm X 101 mm
1 pc= 0.33 Sq.ft
Thickness= 25 mm



Size=305 mm X 305 mm
Thickness=25 mm
1 pc= 1 Sq.ft



Size : 400 mm X 400 mm
Thickness= 25/35mm
1 Pc. = 1.722 Sq.ft.



Size= 7.75" X 5.5"
Wt. = 650 gm.
Coverage - 327/100 Sq. ft.

SHOT BLUSTED PAVERS

20



Thickness : 60/80mm
Coverage - 1Sq.mtr =48 Pcs.



Size : 300 mm X 300 mm
Thickness = 20 mm
1 Sq.ft = 1 pcs.



23

KERB STONE



560 X 300 X 150 mm



600 X 300 X 150 mm

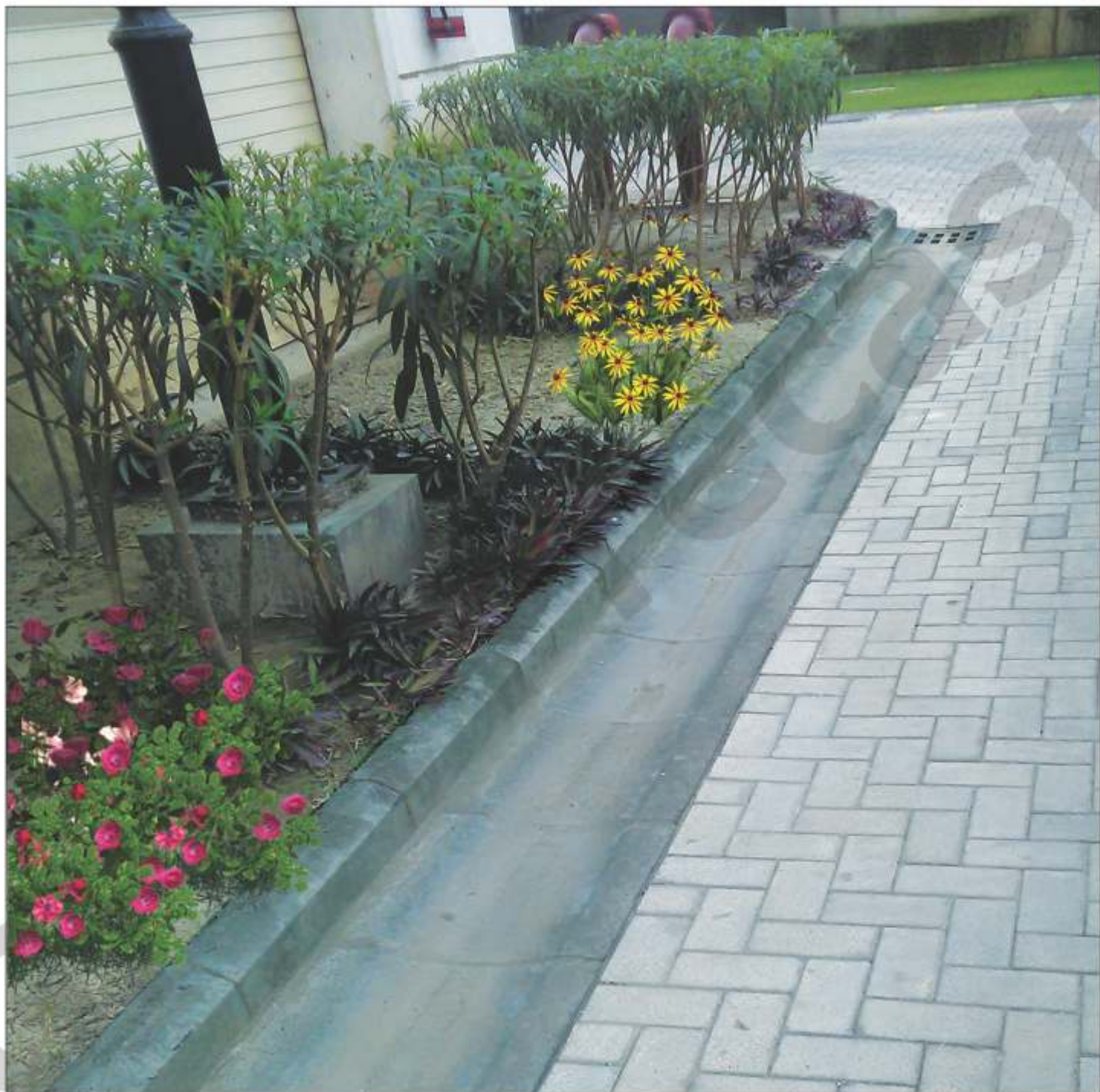


410 X 300 X 150 mm



520 X 450 X 150 mm





450mm X 450mm X 75mm
Grade : M25 - M40



RCPC / PFRC / SFRC MANHOLE COVER WITH FRAME



Available as per IS 12592 : 2002

Load Capacity

Light Duty-2.5 to 5 MT
Medium Duty -10 to 15 MT
Heavy Duty-20 MT
Extra Heavy Duty-35

Shape of cover

Circular, Rectangular
& Square



Available as per IS 12592 : 2002

Load Capacity

Light Duty-2.5 to 5 MT
Medium Duty -10 to 15MT
Heavy Duty-20 MT
Extra Heavy Duty - 35 MT

Shape of cover

Rectangular
& Square



STAMP CONCRETE & OVERLAY FLOORING

Newly poured concrete, coloured, stamped, antiqued and sealed. Great for commercial, residential and Industrial applications



Benefits

- Easy Maintenance
- Slip Resistant
- Added Value & Curb Appeal
- Great for all Climates
- Exceptional Durability
- Oil, Rust & Mildew Resistant
- Large Colour Section
- Colors Will Not Fade
- Many Styles to Choose From
- Premium Quality Products



Where to use

- Commercial
- Residential
- Industrial
- Interiors
- Exteriors



Excellent for :

- Industrial • Commercial
- Residential • Driveways
- Pool Decks • Patios
- Walkways and More!



Flag Stone



London-Cobble



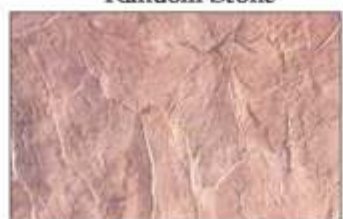
Ashler Slate



Random Stone



Monte-Carlo-Slate



Italian Slate

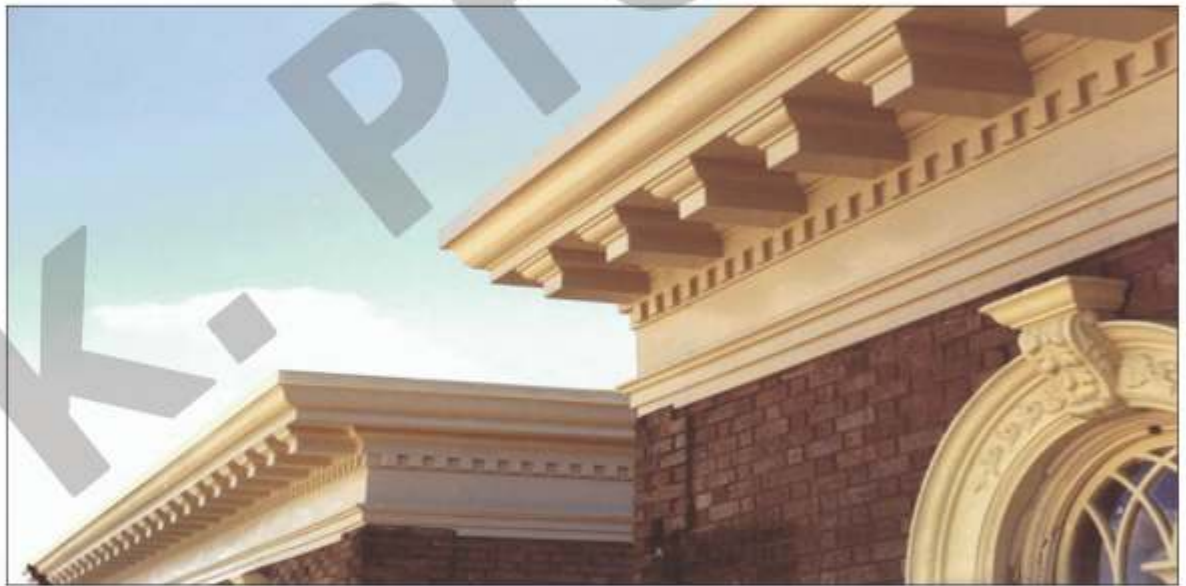
Overlay is a thin polymer and cement modified topping over existing strong, stable & levelled concrete surface

Benefits

- Unlimited colours, patterns, designs, textures
- Harder and stronger than conventional tile.
- Installed much faster than tile.
- Much harder than wood flooring.
- Much higher level of scratch resistance.
- Is not damaged by water or food spills.

Where to use

- Interior or exterior projects.
- Existing Concrete
- 3mm to 8mm thick - depending on application
- High traffic areas
- Commercial or residential



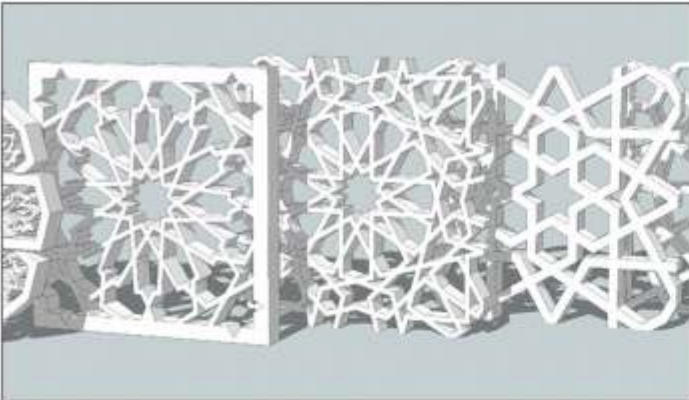
Glassfibre Reinforced Concrete (GRC*) is one of the most versatile building materials available to architects and engineers. Developed in the twentieth century, GRC has been making a significant contribution to the economics, technology, and aesthetics of modern construction worldwide for over 30 years.

GRC is not single material but a family of high-performance cement- based composites reinforced with special alkali resistant (AR) glass fibers, which can be engineered to suit a wide range of application. GRC weight is much less than traditional precast concrete products. The design and manufacture of GRC products is covered by international standards, which have been developed in Europe, America, Asia and Australia, GRC is manufactured in over 100 countries.

Modern futuristic designs or to replicate traditional historic features. GRC can be painted, faced with fine aggregates, coloured or simply left with a natural white or grey, smooth or textured finish

Key features

- .GRC products are lightweight, easy to handle and fast to erect
- .GRC products reduce loadings to significant saving in superstructure and foundations
- .GRC is excellent for reproduction and renovation
- .GRC is environmentally friendly







Size : As per requirement

TECHNICAL SPECIFICATION

Conformity of IS Standards


PRODUCT : Paver Block			
Tested Features	Thickness	As per IS 15658 of 2006	Our Value
Compressive Strength	60mm	35 N/mm ²	38 N/mm ²
	80mm	40 N/mm ²	44 N/mm ²
Water Absorption	60mm	Maximum 6% and individual maximum 7%	4%
	80mm	Maximum 6% and individual maximum 7%	5%

PRODUCT : 25mm thick Polished Tiles		
Tested Features	As per IS 15658 of 2006	Our Value
Tranverse Strength	3 N/mm ²	3 N/mm ²
Water Absorption	10%	6%


Recomended Grades of Paver Blocks for Different Uses

Grade of Paver Block	Compressive Strength of Paver Block at 28 days	Traffic Category	Minimum Paver Block Thickness
M-30	30 N/mm ²	Non Traffic	50mm
M-35	35 N/mm ²	Light Traffic	60mm
M-40	40 N/mm ²	Medium Traffic	80mm
M-50	50 N/mm ²	Heavy Traffic	100mm

NB: Compressive strength of the paver blocks shall be specified in terms of 28 days.

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