





SUPER
PRECAST & INFRASTRUCTURE

COMPLETE **EXTERIOR** FLOORING SOLUTIONS

CHEQUERED TILES

CONCRETE TILES

FLAGSTONES

GRASS PAVERS

KERBSTONES

ROOFING TILES

PAVERS

2018

SUPER
PRECAST & INFRASTRUCTURE

OURMISSION

We at Super Tiles are committed to manufacture and supply highest quality

products all over India, to the complete satisfaction of every customer and thus achieve

leadership position in the market as a reliable supplier of precast concrete products.





Located 2 hours from Mumbai is our "Show Garden" spread over 15,000 sq. ft. displaying more than 100 variants of paver tiles in various patterns, colours and combinations.

A MUST VISIT FOR EVERY CUSTOMER!

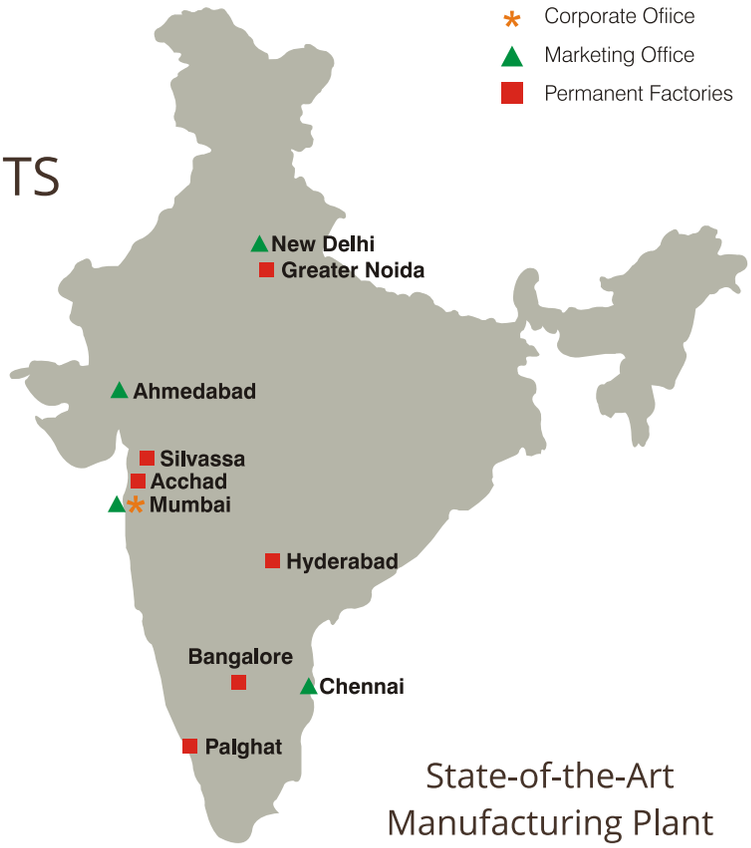
INDEX

- SUCON™ - Kerb Stone 06
- SUCON™ - Flag Stone 10
- Water Drain Systems 12
- Grass Pavers 14
- Shot Blasted Combi Paver™ 16
- Semi Reflective Heavy Duty Pavers (Square & Rectangle) 18
- Semi Reflective Heavy Duty Pavers (Shapes) 20
- Concrete Cobbles 21
- Various Finishes 22
- Smooth Finish Interlocking Reflective Pavers 26
- Shot Blasted Tiles 28
- External Border Chequered Tiles 30
- Shot Blasted Border Tiles 31
- Chequered Tiles 40cm x 40cm 32
- Chequered Tiles 30cm x 30cm 34
- Chequered Tiles 25cm x 25cm 35
- Smooth Finish Concrete Designer Tiles 36
- CONCROOF™ - Cement Roofing Tiles 38
- Specifications of Paver Blocks 40
- Colours Available 40
- Installation Guide Pavers 41
- Specifications of Chequered and Concrete Tiles 43
- Installation Guide Tiles 44
- Our Testing Facility 46

***New Introductions :** Mars Paver, 1640/1641/1642/1643 Chequered Tiles, Terra Grass Paver, 200X200X30mm, 100x200x30mm Shot Blasted Tile, Fan Cobble, Combi Tiles (150 Series), Scale Pavers (60mm).

SUPER
PRECAST & INFRASTRUCTURE

SUPERNETWORKOFPLANTS



State-of-the-Art
Manufacturing Plant











SUCON™ KERBSTONE





OUR STATE-OF-THE-ART MANUFACTURING PLANT





Specification of Kerb Stone as per IS 5758 : 1984

Dimensions Tolerance
Length ± 3mm
Width +1.5mm - 3mm
Thickness ± 3mm
Water Absorption < 8% (After 24 Hours)

SUCON™ KERBSTONE

A symbol of top quality, high strength and durability. Super Sucon Kerb Stone also imparts great aesthetic appeal to the exteriors. Kerb Stone can be used as dividers, on sidewalks, or as copings Super Sucon Kerb Stone comes with pimple finish and can be made available in different colours.

Half Batter (HB) - Most frequently used shape, for deflection of traffic and safety of pedestrians

Bull Nose (BN) - To provide access to vechicies from carriageways to art access point across the carriageway

Full Batter (FB) - To allow to climb over the footway

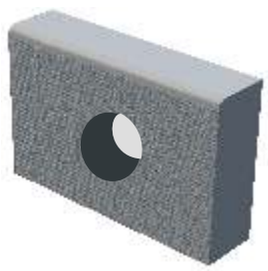
Rectangle (RE) - Used as flush kerbs- To provide restraints at FFL



Full Batter Kerb



Half Batter Kerb



Bull Nose Kerb (500x325)
with hole for water drainage
Hole sizes available : 100/150/200mm



Direction Kerbstone



Half Batter Kerb
(Full Body Black)



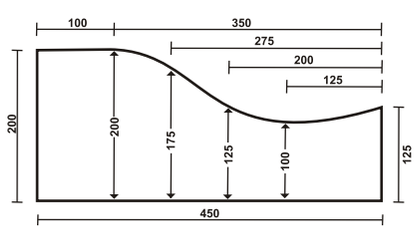
Half Batter Kerb
(Full Body White Cement Yellow)



Bull Nose Kerb



Precast Kerb Channel

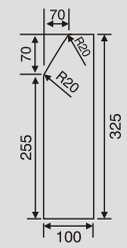
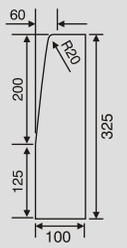
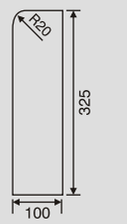
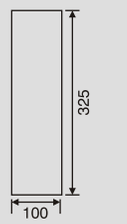
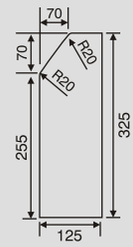
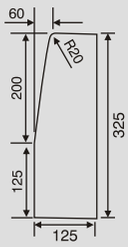
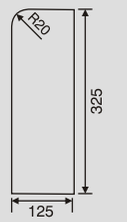
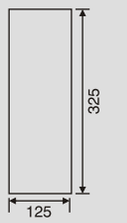
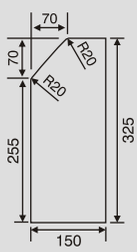
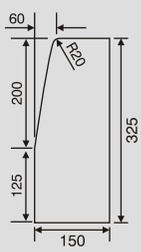
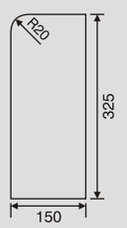
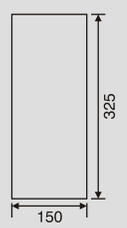
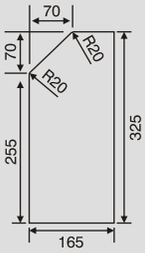
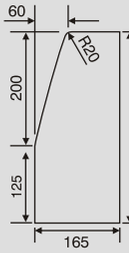
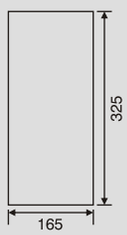
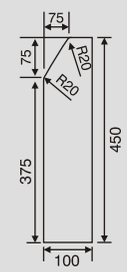
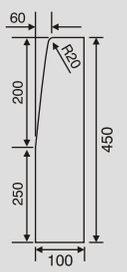
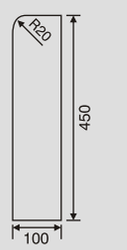
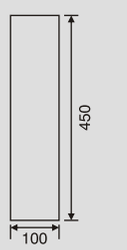
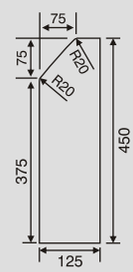
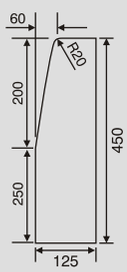
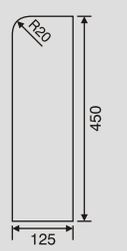
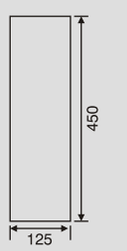
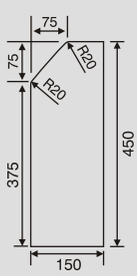
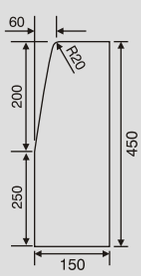
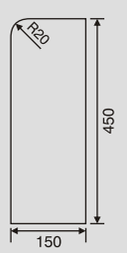
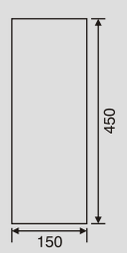
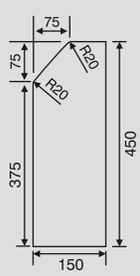
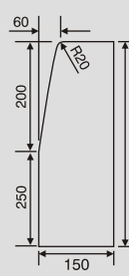
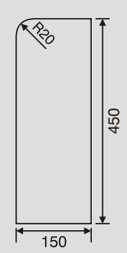
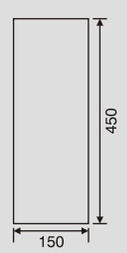


L 600 X W 450 X T 200-125

APPLICATIONAREAS

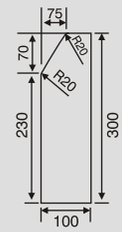
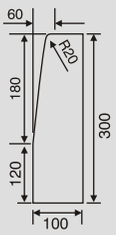
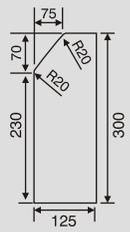
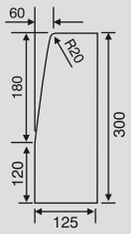
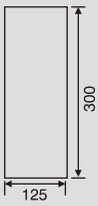
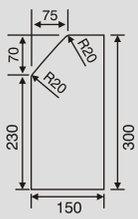
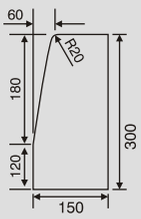
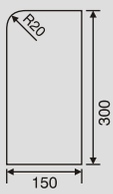
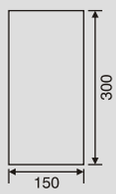
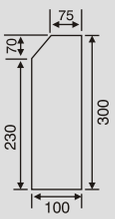
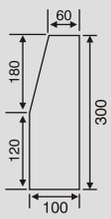
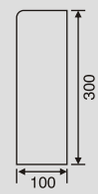
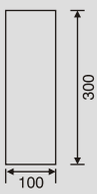
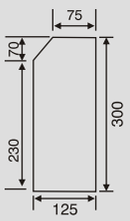
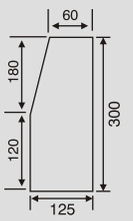
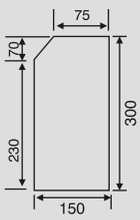
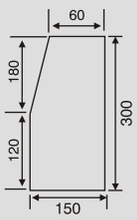
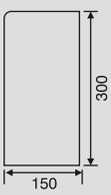
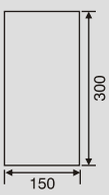
Sidewalks | Copings | Landscape Dividers | Garden Dividers | Road dividers.

PROFILESAVAILABLE/TYPES :

Full Batter Kerb	Half Batter Kerb	Bull Nose Kerb	Rectangular Kerb
 500x325x100	 500x325x100	 500x325x100	 500x325x100
 500x325x125	 500x325x125	 500x325x125	 500x325x125
 500x325x150	 500x325x150	 500x325x150	 500x325x150
 500x325x165	 500x325x165	 500x325x165	 500x325x165
 600x450x100	 600x450x100	 600x450x100	 600x450x100
 600x450x125	 600x450x125	 600x450x125	 600x450x125
 600x450x150	 600x450x150	 600x450x150	 600x450x150
 300x450x150	 300x450x150	 300x450x150	 300x450x150



SUPER
PRECAST & INFRASTRUCTURE

Full Batter Kerb	Half Batter Kerb	Bull Nose Kerb	Rectangular Kerb
 600x300x100	 600x300x100	 600x300x100	 600x300x100
 600x300x125	 600x300x125	 600x300x125	 600x300x125
 600x300x150	 600x300x150	 600x300x150	 600x300x150
 300x300x100	 300x300x100	 300x300x100	 300x300x100
 300x300x125	 300x300x125	 300x300x125	 300x300x125
 300x300x150	 300x300x150	 300x300x150	 300x300x150

*Profile can be customized if requirement is above 10,000 pieces.



SUCON™ FLAGSTONE

Super Sucon Flag Stones are an amazing melange of elegance, versatility and practicality. The collection comes in 3 finishes - pimple, shot blasted, stone and in wide range of colours, enabling you to create your mix and match combinations. The special textured surface makes the collection anti-skid. Super Sucon Flag Stones can be used in combination with other materials to impart never-before aesthetic value to the urban landscape.

Flag Stone 600x600



Matt Finish Flag (Grey)

All Available in Thickness 60 & 80mm



Shot Blasted Flag (Red)



Stone Textured Flag (Pink)

Flag Stone 400x400



Matt Finish Flag (Grey)



Shot Blasted Flag (Black)



Stone Textured Flag (Grey)

Flag Stone 300x300



Matt Finished
Flag (Yellow)



Shot Blasted
Flag (Red)



Shot Blasted
Flagstone (Black)





Flag Stone 600x300



Matt Finish Flag (Grey)



Shot Blasted Flag (Red)



Matt Finish Flag (Yellow)

Flag Stone 450x300



Matt Finish Flag (Grey)



Shot Blasted Flag (Red)



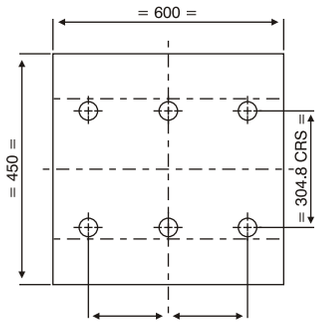
Matt Finish Flag (Yellow)

APPLICATIONAREAS

- Pedestrian footway and precincts.
- Forecourts and entrances to public buildings.
- Approaches and surrounds to residential and industrial buildings.
- Areas surrounding shops and offices.
- School playgrounds.
- Public and private gardens.
- Swimming pool surrounds.
- Footways where vehicular overrun is unavoidable.
- Home zones and urban regeneration.
- And other areas where a durable external surface is required.

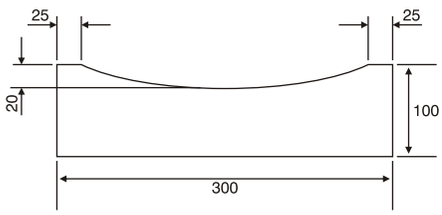
WATERDRAINSYSTEMS





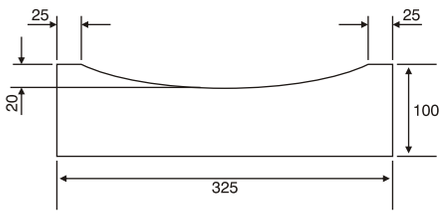
Drainage Cover
(with primary reinforcement)
Size : 450x600 (6 Holes)
Thickness : 80mm



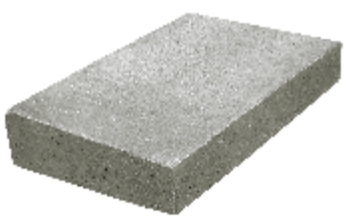


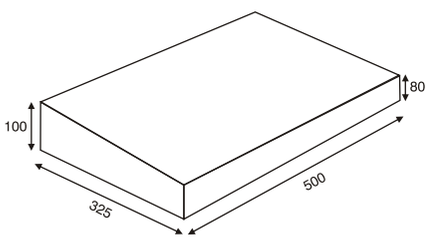
Water Dished Channel
Size : 600x300x100mm





Water Dished Channel
Size : 500x325x100mm





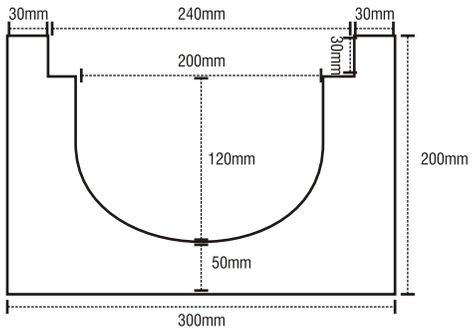
Water Dished Channel
Size : 500x325x80/100mm



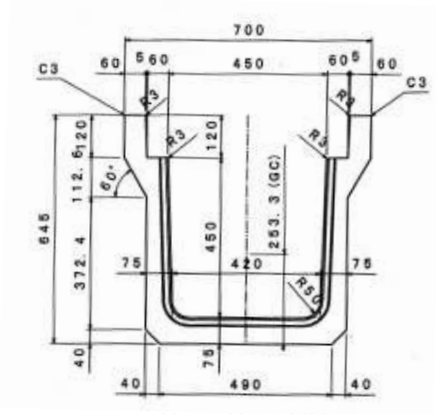
USHAPEDRAINWITHCOVER



600 X 300 X 200MM







450 X 450 X 450MM

LSHAPEKERBWITHDRAIN



600 X 300 X 100MM



600 X 215 X 100MM



Quadrant Kerb

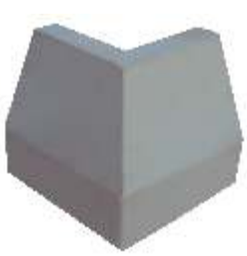


Radius Kerb
785 X 250 X 45 125MM

LShapeCornerKerb



Inside Design
300 X 250 X 45/125MM



Outer Design
300 X 250 X 45/125MM

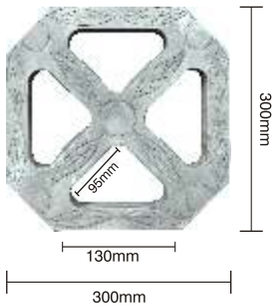


Half Batter Radius Kerb
600 X 450 X 125MM

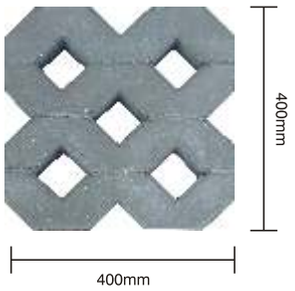
GRASSPAVERS

IS - 15658

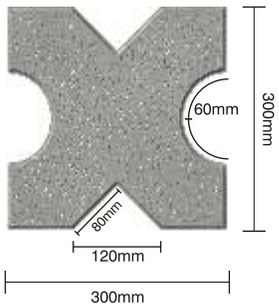
Grass Pavers are hollow, honycomb-shaped grid systems, which are laid over gravel, sand and / or top soil bases. Once in place, fast-growing grass seeds or sod are planted in the grid openings. Over time, the grass fills in and results in turf-covered pavements. The open-grid system not only stabilizes the shallow plant roots, but also allows air and water to pass through and become absorbed into the ground underneath.



Green Pave
100 sq.ft = 103



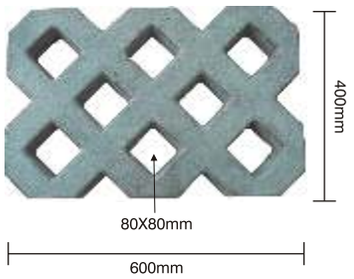
Alex
400X400X60mm
100 sq.ft = 58



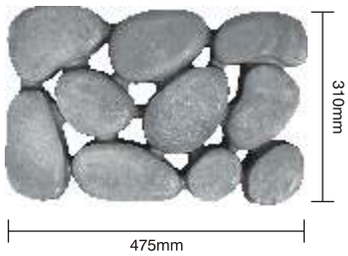
X Paver
100 sq.ft = 103 (60/80mm)



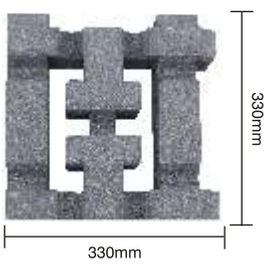
With Primary Reinforcement



Enviro
100 sq.ft = 39 (60/80mm)



Riviera
100 sq.ft = 63 (70mm)



Terra
330X330X120mm
100 sqft = 85 pieces



Arte Linea
300x300x125
100 sqft = 103 pieces

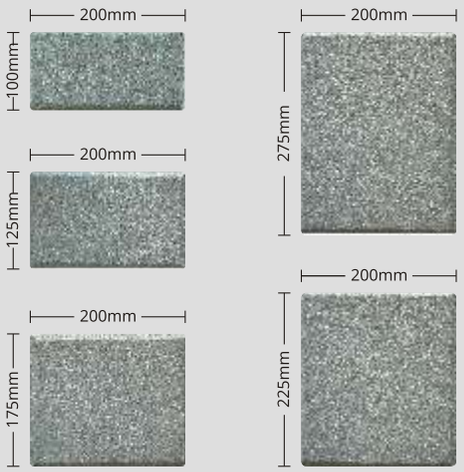


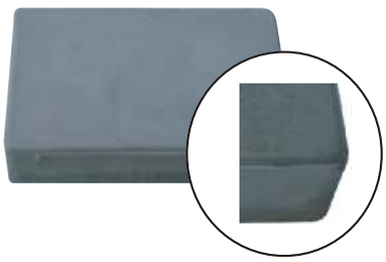
SHOTBLASTEDCOMBIPAVER™

(60mm)

IS - 15658

Various Sizes Available





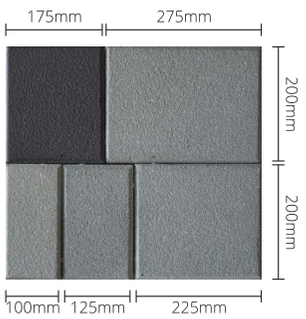
Round Chamfer



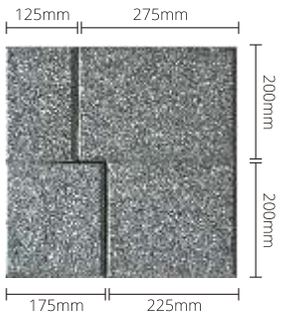
Straight Chamfer

Various Combinations Possible (400x400, 400x450)

STRAIGHTCHAMFER

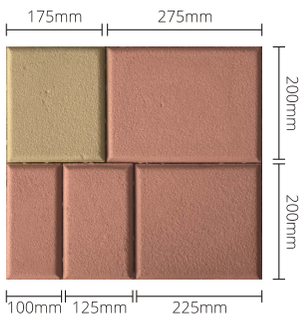


Grey / Black
400 X 450

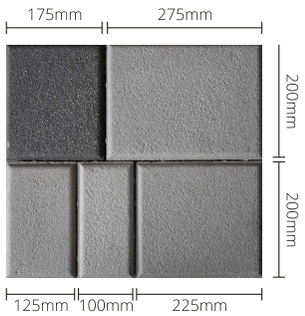


Grey
400 X 400

ROUNDCHAMFER



Orange / Yellow
400 X 450



Grey / Black
400 X 450

Flexibity of Different Patterns Manufactured in 8 station Italian machinery

SUPER
PRECAST & INFRASTRUCTURE



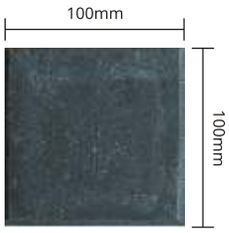




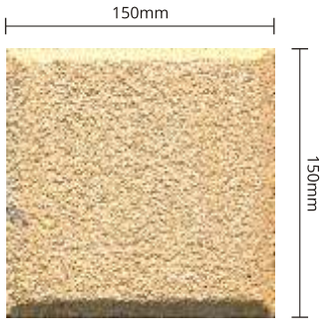
SEMIREFLECTIVEHEAVYDUTYPAVERS

IS - 15658

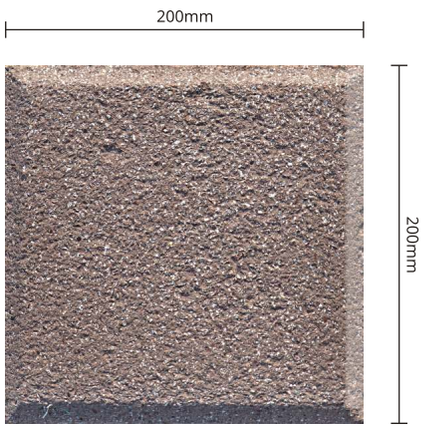
SQUARE/RECTANGLE



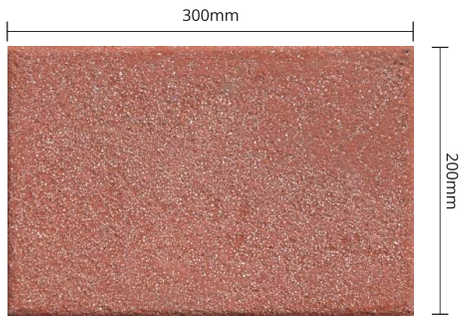
Cobble
100 sq.ft = 929 (60mm/80mm)



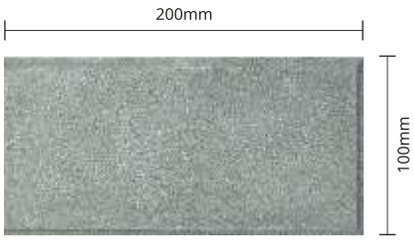
Big Cobble
100 sq.ft = 413 (60/80mm)



Square
100 sq.ft = 232 (60/80mm)



Rectangle (60mm)
100 sq.ft = 155



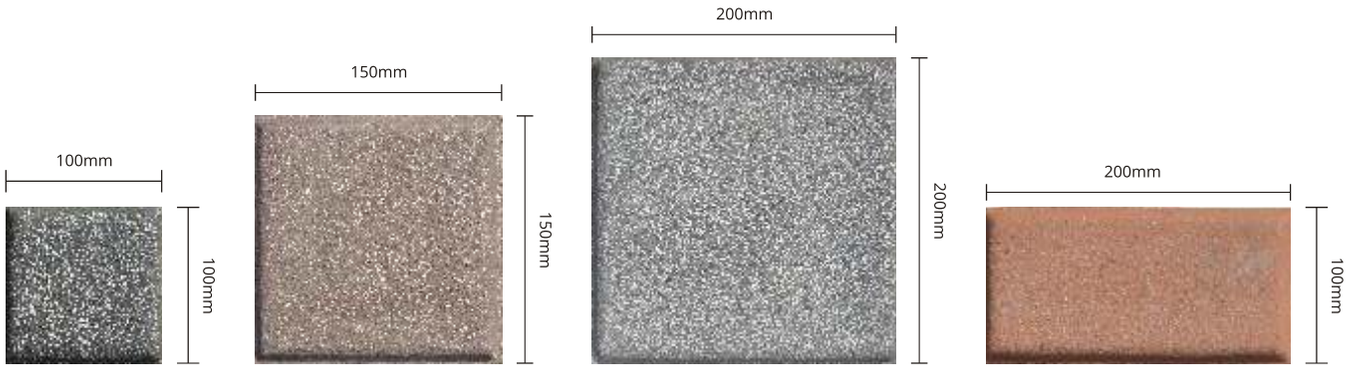
Brick
100 sq.ft = 464 (60/80mm)

New



Scale
100 sq.ft = 550 (60mm)

ROUNDCHAMFER



100x100mm | 150x150mm | 200x200mm | 200x100mm





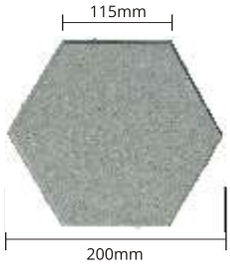


SEMIREFLECTIVEHEAVYDUTYPAVERS

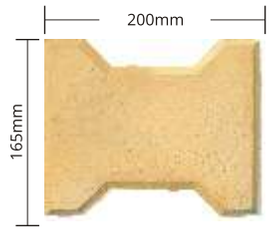
IS - 15658

VARIOUSSHAPES

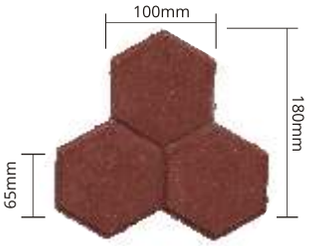
Finishes Available - Matt, Shot Blasted & Curled.



Hexagonal
100 sq.ft = 270 (60mm)



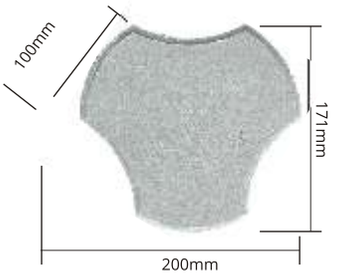
I Shape
100 sq.ft = 331 (60/80mm)



Trihex
100 sq.ft = 305 (60mm)



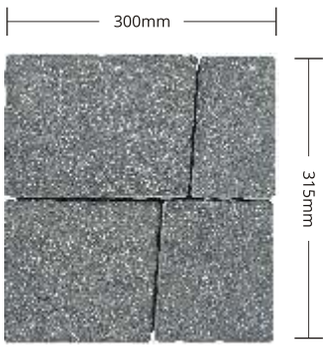
Zigzag Shape
100 sq.ft = 363 (60/80mm)



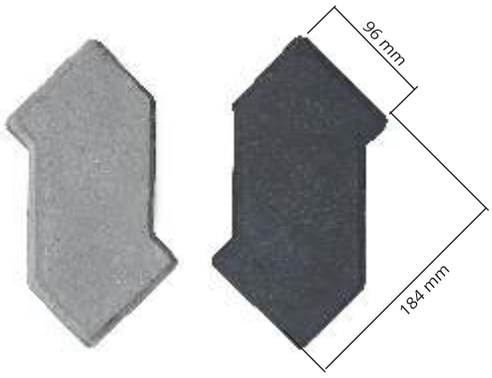
Tricon
100 sq.ft = 364 (60mm)



Fan Cobble
100 sq.ft = 929 piece



Jeddar
100 sq.ft = 100 Sets (60mm/80mm)

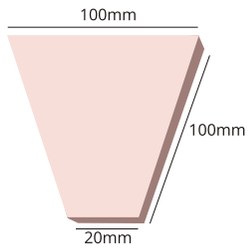


S Paver
60 mm / 80 mm
100 sq.ft = 450 Piece

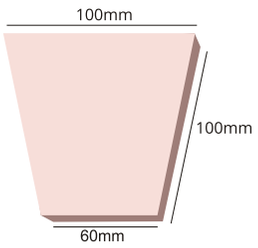


Zigzag Euro
100 sq.ft = 450 Piece (60mm)

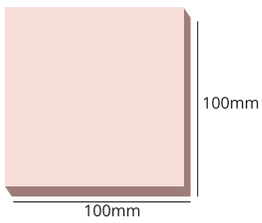
CONCRETECOBBLES
(Shot Blasted)



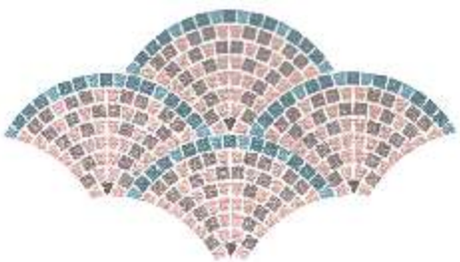
CC 1020



CC 1060



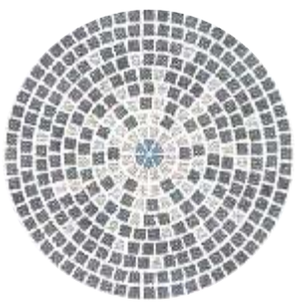
CC 1100



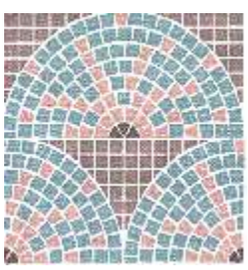
Scallop Pattern



Lotus Pattern



Round Pattern



Half Round Pattern



VARIOUSFINISHES

IS - 15658

SHOTBLASTED

Anti Skid Surface with Elegant Look Like Stone and Aging Texture.

Available in:

New

White Chips, Black Chips, Red Chips, Yellow Chips & Salt & Pepper Finish












CURLED

Cleans, Smoothens the Surface and
Creates a Shiny Finish







VARIOUSFINISHES

IS - 15658

SANDFINISH

It provides a hard surface which is good to look at,
comfortable to walk on, extremely durable and easy to maintain.

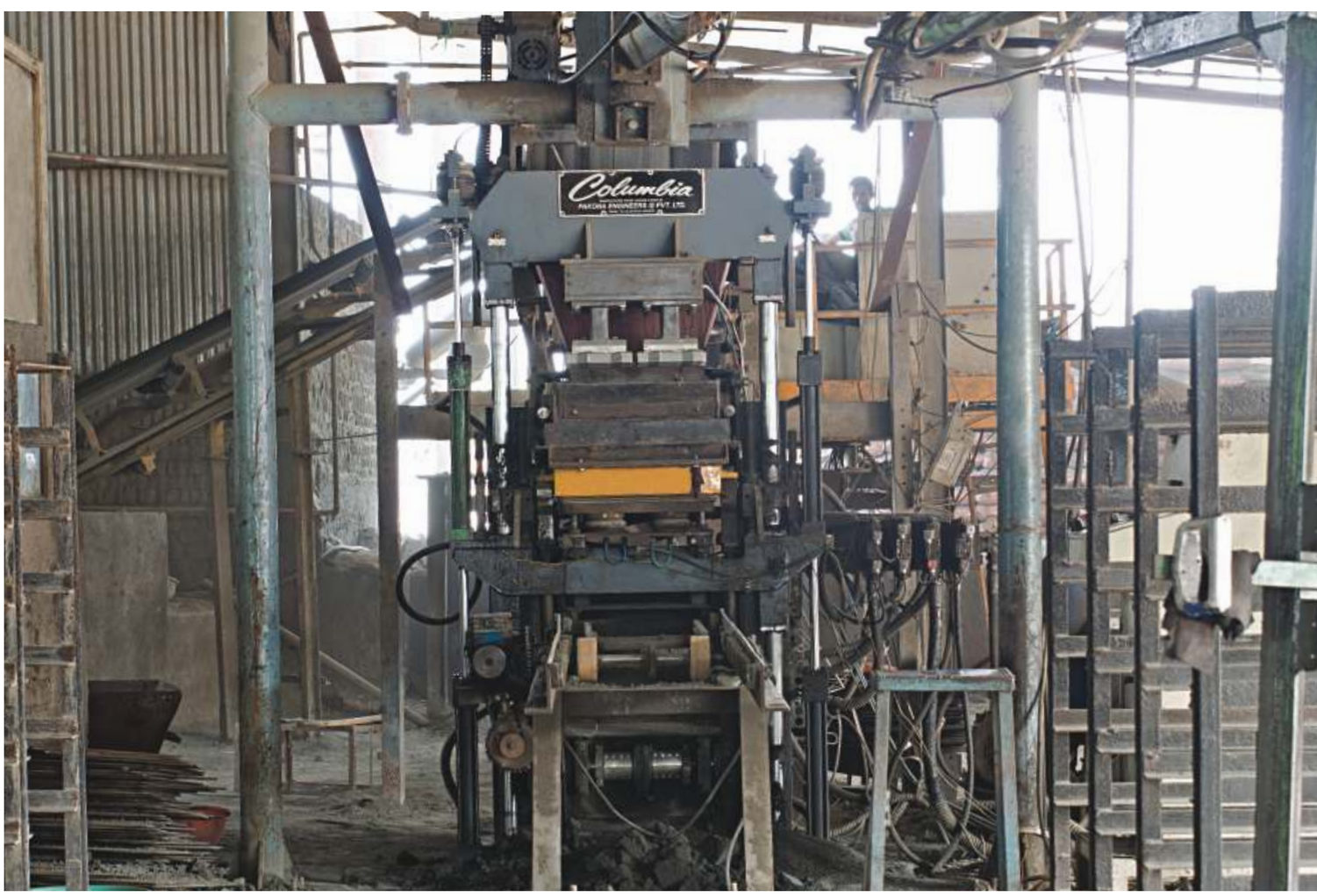







Available Sizes:

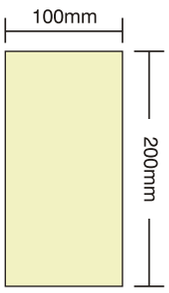
- 100X100X60/80mm
- 100X200X60/80/100mm
- 150X150X60mm
  (Stone Effect 6 mm Chamfer)
- 200X200X60mm
- Zigzag 60/80/100mm
- Jeddar 60/80mm
- Scale 60mm (225 mmX75 mm) New



MONOLAYER

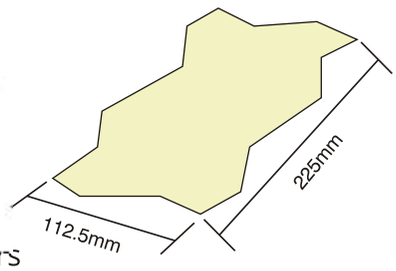
- Available in 60mm, 80mm, 100mm, 110mm, 120mm thickness.
- Recommended for Roads, Industrial Compounds, Ports, Container Yards, etc.
- Strength - M-45, M-50, M-55.
- High abrasion resistant.





Brick
100 sq.ft = 464





Unipavers
100 sq.ft = 363



SMOOTHFINISHINTERLOCKING REFLECTIVEPAVER

60mm & 80mm Thick

IS - 15658



Zigzag
100 sq.ft = 295 (60/80mm)



Jumbo Colorado
100 sq.ft = 225 (60/80mm)



Cascade
100 sq.ft = 223 (60mm)



Euphrates
100 sq.ft = 256 (60mm)

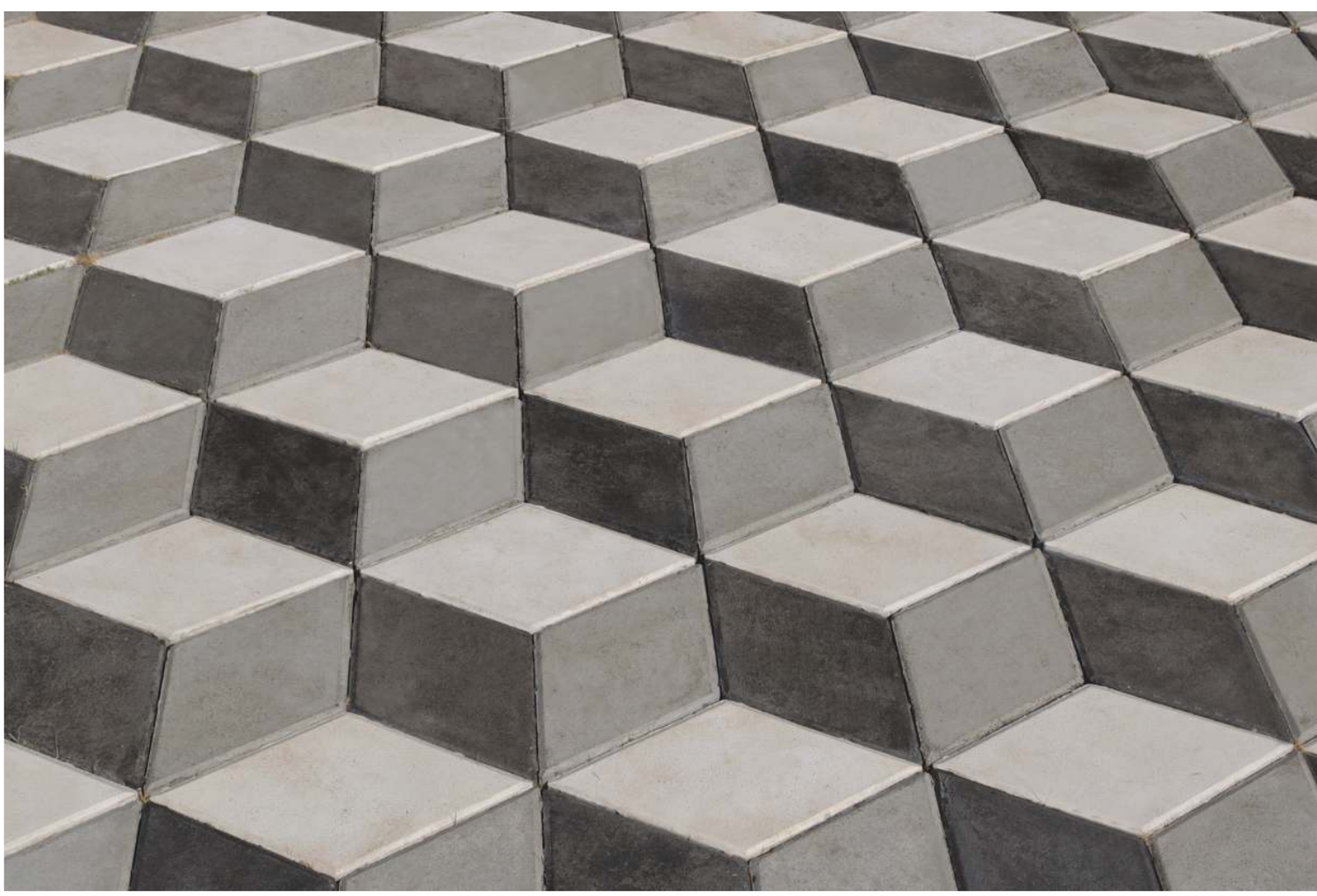


Super Duper
100 sq.ft = 427 (60mm)



Taurus
100 sq.ft = 153 (60mm/80mm)

Suitable for - Driveways, Building Compounds, Internal Roads **Specification -** Available in M-40, M-45, M-50 Grade

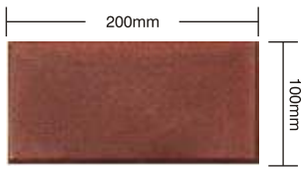




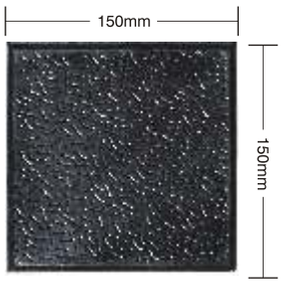
Brooks
100 sq.ft = 192 (60mm)



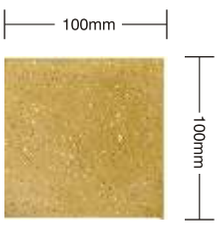
Bruce
100 sq.ft = 304 (60mm)



Brick Stone Finish
100 sq.ft = 464 (60mm)



Big Cobble
100 sq.ft = 413 (60mm)



Cobble
100 sq.ft = 929 (60mm)



3D
100 sq.ft = 262 (60mm)



Pluto
100 sq.ft = 200 (60mm)



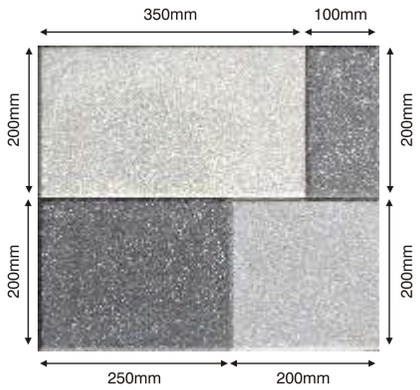
Mars
100 sq.ft = 208 (60mm)



SHOTBLASTEDTILES

Combi Shot Blasted Tile
(200 Series) (35mm Thick)

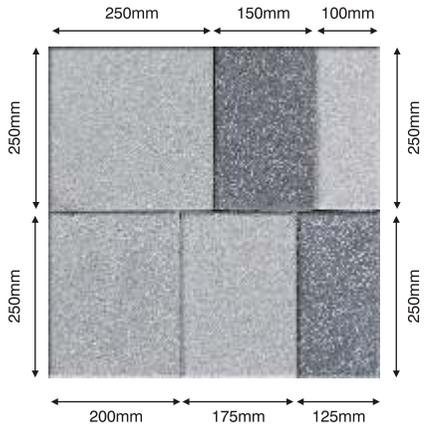
Saturn Series



400x450mm
(Straight & Round Chamfer)

Combi Shot Blasted Tile
(250 Series) (35mm Thick)

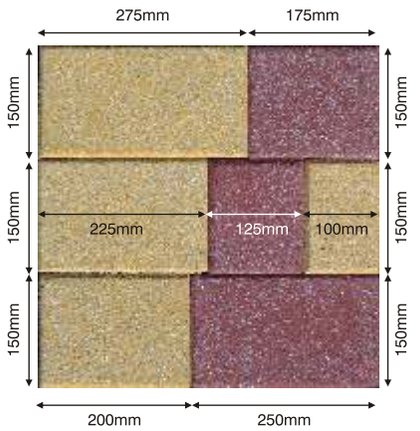
Jupiter Series



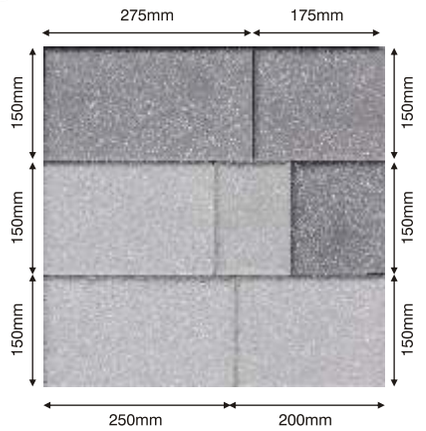
500x500mm
(Straight & Round Chamfer)

Combi Shot Blasted Tile (150 Series) (35mm Thick) New

Venus Series

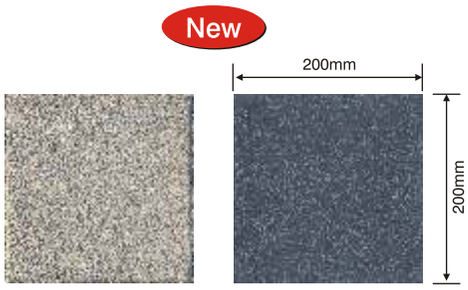


450x450mm
(Straight Chamfer)



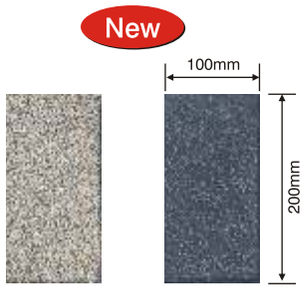
450x450mm
(Straight Chamfer)





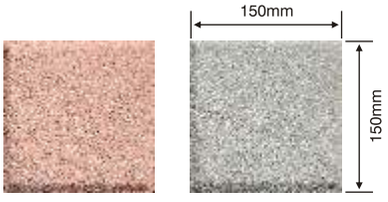
Shot Blasted Shot Blasted

(200mmx200mmx30mm)
(Straight & Round Chamfer)



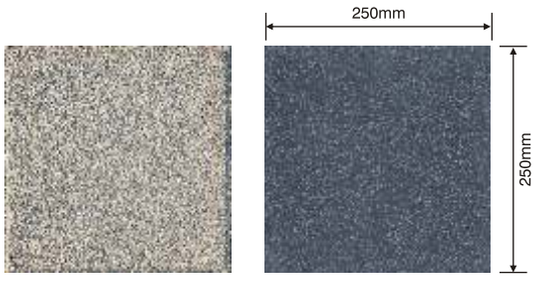
Shot Blasted Shot Blasted

(100mmx200mmx30mm)
(Straight & Round Chamfer)



Shot Blasted Shot Blasted

(150mmx150mmx30mm)
(Straight & Round Chamfer)



Rustica Grey Rustica Black

(250mmx250mmx40mm)

SHOTBLASTEDCHEQUEREDTILES 40cm x 40cm (35mm thick)



Yellow Chips
1620 Yellow



Shot Blasted
1620 Red



Shot Blasted
GC 1624 Medium Grey



Shot Blasted
1630 Black



Shot Blasted
GC 1632 Grey



Shot Blasted
WC 1634 Yellow



Shot Blasted
GC 1639 Red



Shot Blasted
1642 Dark Grey

EXTERNAL BORDER CHEQUERED TILES

25cm x 25cm (40mm thick)

IS - 13801



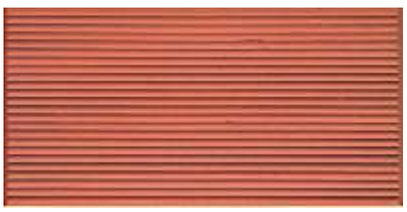
25501



25502



25503

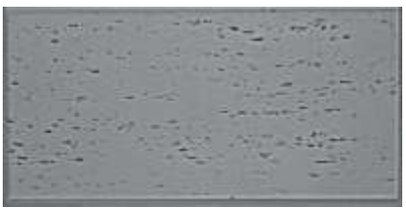


25504





25505



25506



25507

SHOTBLASTEDBORDERTILES

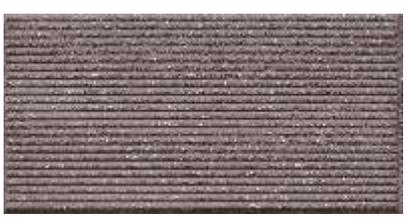
(25504)



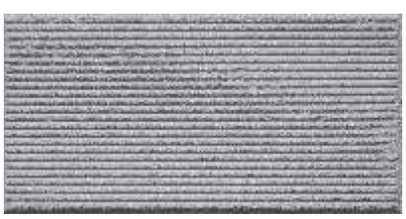
Red



Yellow



Brown



Grey



Black

CHEQUEREDTILES

40cm x 40cm (35mm thick)

IS - 13801

Finishes Available - Matt & Shot Blasted.



1601 Stone Finish



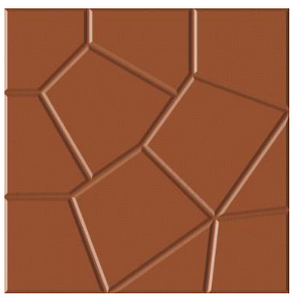
1602 Stone Finish



1603



1604



1606



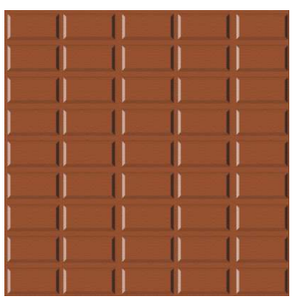
1607



1608



1609 Stone Finish



1610



1612 Stone Finish



1613



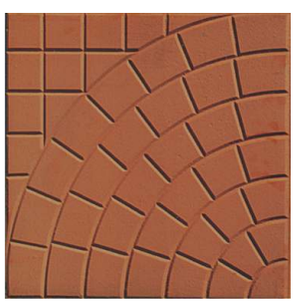
1615



1617



1618



1619



1620 (Bush Hammered)



1621



1622



1623

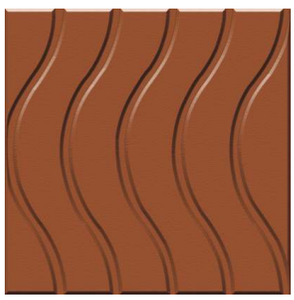


1624


1625


1626


1627


1628


1629


1630


1631


1632


1633


1634


1635


1636


1637


1638


1639


1640


1641


1642


1643

CHEQUEREDTILES

30cm x 30cm (30mm thick)

IS - 13801

Finishes Available - Matt & Shot Blasted.



1201



1202



1203



1204



1205



1206



1207



1208



1209



1211 STONE FINISH



1212



1213



1214



1215



1216



1217
(Bush Hammered)



1218



1219



1220



1221



1224



1226



1230



1232



1233

CHEQUEREDTILES

25cm x 25cm (25mm thick)

SUPER PRECAST & INFRASTRUCTURE

Finishes Available - Matt & Shot Blasted.



1001



1002



1003



1004



1005



1006



1007



1009



1010



1011



1012



1013



1014



1015



1016



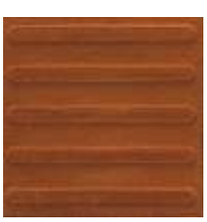
1017



1018



1019

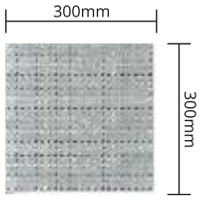


1020

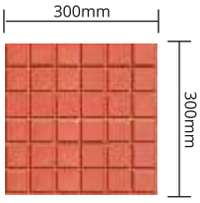
SMOOTHFINISH CONCRETEDESIGNERTILES

IS - 13801

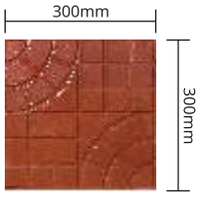
25mm to 35mm thick



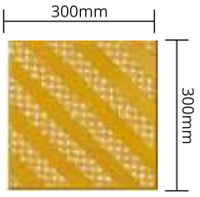
Labrador
100 sq.ft = 103



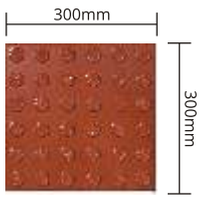
Dwarka
100 sq.ft = 103



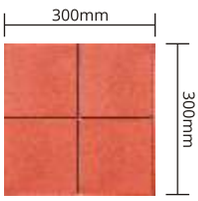
Solitaire
100 sq.ft = 103



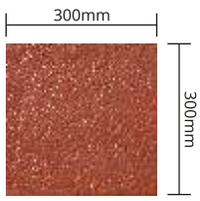
Stripes
100 sq.ft = 103



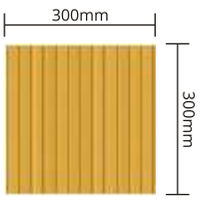
36 Coins
100 sq.ft = 103



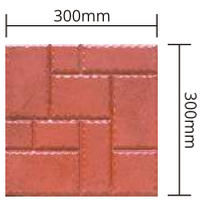
4 Square
100 sq.ft = 103



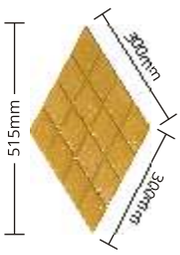
9 Square
100 sq.ft = 103



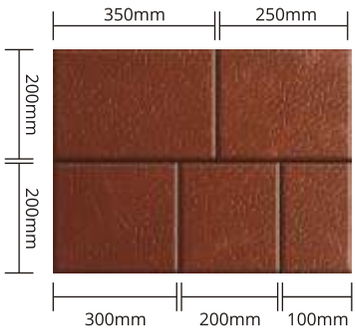
Fluted Design
100 sq.ft = 103



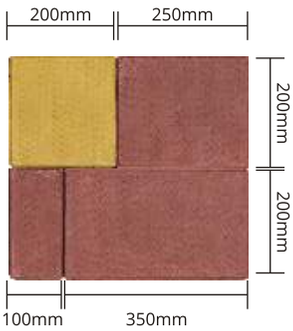
Jupiter
100 sq.ft = 103



3D
100 sq.ft = 103



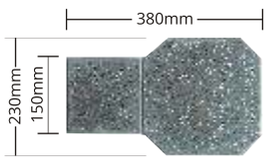
COMBI
(Set of 5)(600X400)



COMBI
(Set of 4)(450X400)



Taurus
100 sq.ft = 153



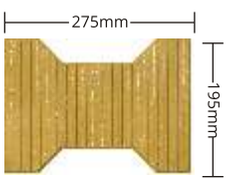
Vesuvius
100 sq.ft = 176



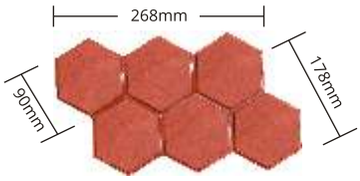
Brooks
100 sq.ft = 192



Bruce
100 sq.ft = 212



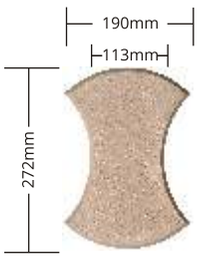
Bruce Line
100 sq.ft = 212



Cascade
100 sq.ft = 223



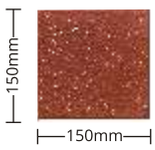
Jumbo Colorado
100 sq.ft = 225



Euphrates
100 sq.ft = 256

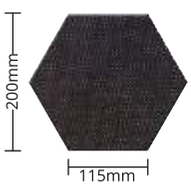


Trivoli
100 sq.ft = 85

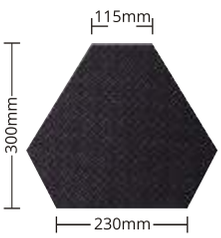


Trivoli Square
100 sq.ft = 400

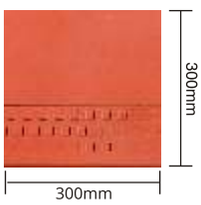
Trivoli with Trivoli Square
100 sq.ft = 72+72



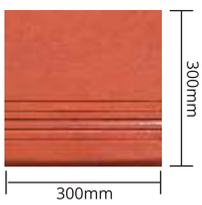
Hexagonal
100 sq.ft = 270



Diamond
100 sq.ft = 125



Step
100 sq.ft = 103

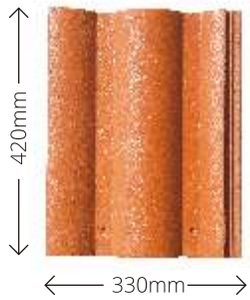


Step
100 sq.ft = 103



CONCROOFROOFINGTILES

CONCROOF™
ROOFING TILES
A Leading Stance



Accessories

Barge



Hip Starter



3 Way



4 Way



Ridge



Also Available -
Ridge End & Barge End.



SUPER
PRECAST & INFRASTRUCTURE

Plain Colours



Terracotta



Blue



Grey

Dual-tone Colour



Tri-tone Colour



Slope of Pitch(%)	
Hill	45
Plain	30-35
Less Rainy Zones (with Water Proofing)	<29
Special Case (with Water Proofing)	>17

Technical Data	
Tile Dimension	420mm x 330mm
Covering Width	300mm
Tile Weight	4.50+ 0.20kg
Weight per sqm According to Overlay	40-48kg
Tiles Per sqm According to Overlay	9.5-10.5 Nos



SPECIFICATIONS OF PAVER BLOCKS AS PER IS 15658:2006

A) Pigments used are confirming to IS 44, 1550 all inorganic pigments iron oxides.

B) Recommended Grade of Pavers for different categories.

Grade of Paver	Specific Compression strength	Thickness (mm)	Traffic Category	Traffic examples of application
M-35	35 N/mm^2	60	Light-traffic	Shopping complexes, Car parking, Office driveways housing colonies.
M-40	40 N/mm^2	80	Medium-traffic	City streets, Market roads
M-50	50 N/mm^2	100	Heavy-traffic	Bus, Terminals, Industrial Complex, Factory floors.
M-55	55 N/mm^2	120	Very Heavy-traffic	Container Terminals, Ports, Docks, Yards etc.

C) Recommended dimensions and Tolerance for Paver Blocks

Dimension	Tolerance Limit <100 mm
Width, W	± 2 mm
Length, L	± 2 mm
Thickness, T	± 3 mm

Dimension	Tolerance Limit <100 mm
Aspect ratio L/T	± 2 mm maximum 4
Chamfer	± 1 mm
Squareness	± 2 mm

D) Technical specification of Paver Block as per IS

Water absorption – Average of three blocks should not be more than 6% by mass and in individual unit should not be more than 7%.
Compressive strength – Average corrected compressive strength of 28 days should be as per Table (B). Individual corrected compressive strength should be not less than 85% of targeted compressive strength.
Abrasion resistance – When tested as per method for determination of abrasion resistance should not be more than 20,000 mm^3 per 5,000 mm^2 in individual & 18,000 mm^3, 5,000 mm^2 in average.

E) Above specifications are applicable for standard products. Other specifications are also available as per customer requirements.

COLOURS AVAILABLE



Red | Black | Yellow | Beige | Chocolate / Brown | Orange | Grey

Other colours are available on customer choice.

INSTALLATIONGUIDEPAVERS

The correct installation of your SUPER TILES product is vital to the overall appearance of your investment. Your SUPER TILES product should not only enhance the look and value of your property but should be practical and long lasting too.

Contractor We recommend that an experienced contractor installs all SUPER TILES products. To achieve the best results from your pavers it is recommended that your base preparation, bedding layer and grouting be specified by a qualified engineer. The paving installation should be done by a paving contractor who is familiar with the installation of SUPER TILES products.

If however, you choose to install the product yourself consider the following steps to ensure a successful outcome.

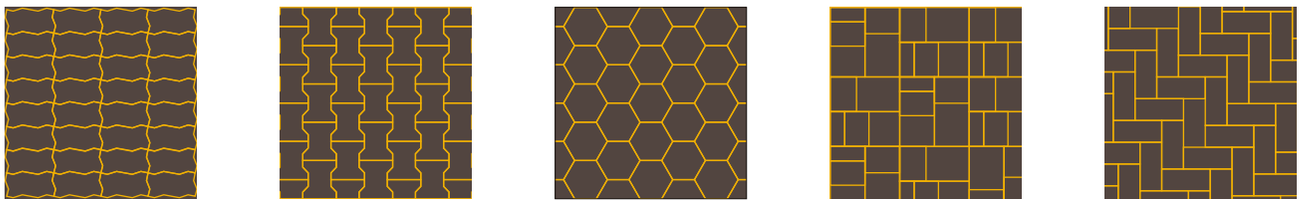
1. Base Preperation

It is critical to the long lasting stability of your paving that the supporting base for your pavers be property constructed.

The four main aspects of the base preparation are :

a. Drainage b. Sub-grade c. Base-course d. Bedding course

Popular Laying Options :



a. Drainage Good drainage prevents the accumulation of sub-surface water underneath the paved area known assub-surface ponding.

- The excavated surface should have a fall (minimum 1 : 50) so that any moisture will flow to a drainage point.
- It is recommended that the top of the paving is a minimum of 75mm below the damp proof course of the building.
- Place a plastic membrane against any exposed foundation.

b. Sub-grade The sub-grade is the upper part of the soil, natural or constructed, which supports the loads transmitted by the overlying paving.

- All vegetation and top soil must be removed.
- Must be well drained and compacted.

c. Base-course The base-course is the foundation for the pavers.

- The base-course should be made from gravel or G5 and can be stabilized using cement.
- Varies in thickness between 50mm and 120mm depending on the type of sub-grade and whether the paved area is for a footpath or driveway.
- Footpath pavers can be laid without a base-course where the sub-grade material is compact and uniform.
- The compacted surface should be tight or close knit to prevent migration downwards of the bedding course material.

d. Bedding Course The layer that the pavers rest on. Well graded, washed river sand is used as a bedding course material for paving.

- Between 20mm and 25mm thick.
- Carefully screened (level) with a straight edge.
- Must be moist when the pavers are placed.
- Cement may be added to the base-course to further stabilize this layer.

2. Setting out Ensuring that your paving pattern stays aligned.

- Use setting out lines (this is a grid of string/nylon lines spaced at exact intervals).
- Constantly re-check your lines in all directions while installing the pavers.

INSTALLATIONGUIDEPAVERS

3. Handling of products To minimize damage to pavers during transport.
- Transport in an upright position.
- Carry pavers by hand to the laying area, underside to underside.
- Cobbles should be transported in a wheelbarrow and be packed and unpacked individually by hand.

4. Laying the Pavers SUPER TILES products are designed to resemble natural stone, and do have variances in dimensions and colour.
- Product must be drawn from different consignments to ensure blending of different batches.
- Uneven pavers should be rotated to match adjoining pavers, or replaced and used for cutting.
- Concrete is brittle. Consequently it can be expected that up to 5% of the product will have small chips when delivered. This is normally allowed for by the paver when ordering. Chipped products should be used for cutting where possible.

5. Cutting If necessary, SUPER TILES pavers can be cut :
- With a brick cutting machine or;
- With an angle grinder (with a diamond tipped blade).

6. Edge Restraints Restrain the perimeter of the laid paving to prevent the washing out of the bedding sand (this will cause subsidence of the pavers on the edge and could result in movement of the pavers). Good edge restrains are :
- reinforced concrete
- kerb stones
- edge pavers bedded in a concrete base.

7. Joint Filling There are two types of paving installations; namely rigid and flexible paving. With the rigid installation method the spaces between the pavers are filled with a wet slurry mix known as grouting. With the flexible installation method dry sand is swept in between the pavers to secure them in place.

   Please see details on the joint filling material and their respective installation techniques below :

7a. Grouting for a Rigid Installation Products are porous and must be thoroughly wet prior to the application of the slurry to avoid cement staining.
- A 1:3 cement / plaster sand slurry mix is strongly recommended.
- When a slurry is used, ensure that excess grouting is washed off the textured surface with a fine hose spray, or with a sponge immediately.
- Rinse sponge frequently in clean water. Any residue will result in cement staining.
- Freshly grouted pavers should not be trafficked.
- Cordoning off the new paving for 7 days, with no pedestrian or vehicle traffic, is recommended.
- Cure the grouting by wetting the paving and joints with a fine spray for a few days after grouting. Keeping the grouting moist will prevent cracks. Beware not to wash the grouting out.

7b. Jointing Sand for a Flexible Installation Alternatively, fine plaster sand or building sand may be used to fill the joints between cobbles and pavers in driveway applications.

8. Compaction of Paving It is recommended that newly laid pavers be compacted by :
- A light roller compactor with the vibrator switched off. This is the method used for cobbles and pavers.
- A rubber mallet. This is the method used for flagstones.

THEEASYWAYTOLAY SUPERPAVERBLOCKS


Prepare Sub-base


Fix Kerbstones on the Sides of Paving Area


Evenly Spread the Layer of Sand over the Sub-base


Lay and Interlock Paver Blocks


Vibrate the Laid Surface with Fine River Sand


Remove Excess Sand

SPECIFICATIONS OF CHEQUERED AND CONCRETE TILES AS PER IS 13801:1993

A) Cement concrete chequered tiles shall be of two classes as given below depending on the duty they perform:

a) General Purpose Tiles – Used for light traffic loads such as in entrances and staircases of office buildings, Schools, colleges, hospitals and residential building and in footpath and driveways within building compounds.

b) Heavy Duty Floor Tiles – Used for heavy traffic conditions such as in industrial godowns and industrial workshop floors; platforms; ramps and entrances of public building; passages of auditoriums; and in public footpaths and pavements within commercial building compounds.

B) Wet Transverse Strength : >3N/mm2

C) Water Absorption : <10%

D) Pigments used confirming to IS 44,1550 all inorganic iron oxides.

E) Resistance to wear :

A) For general purpose chequered tiles:		B) For heavy duty chequered tiles:	
1) Average wear	: 3.5 MM	1) Average wear	: 2 MM
2) Wear on individual specimen	: 4 mm	2) Wear on individual specimen	: 2.5 mm

F) Tolerances :

Tolerances on length or breadth of tiles shall be ± 1 mm. In addition, the difference in length of side between the longest side and the shortest side in the sample shall not exceed 1 mm.

Tolerances on thickness shall be + 15 percent of the minimum thickness (no tolerance on the negative side shall be permitted). In addition, the difference in thickness between the thickest and the thinnest tile in the sample shall not exceed 10 percent of the minimum thickness.

GUIDELINE FOR ORDERING, STACKING AND INSTALLATION OF SUPER CHEQUERED & CONCRETE TILES.

Clients are advised to order Chequered & Concrete Tiles quantity specifically by considering 4% to 5% extra tiles to cover wastage on site, due to different size of areas where tiles are required to be fixed. As the Tiles are manufactured batch wise, the quantity required for a large area need to be intimated to us so that we can manufacture the complete lot in one batch and minimize any variation in colour and design.

Selection of tiles

- To minimize wastage, limited number of designs should be ordered, so that unutilized tiles in one area can be used in other area.
- Due to varying nature of raw materials. Chequered & Concrete Tiles may differ slightly in colour and design in different batches. However we take due precautions to minimize the same.

Guideline for Stacking and Shifting of Tiles

- Tiles are recommended to be Unloaded on a leveled surface and area should be covered to protect from direct sunlight and dust.
- The Tiles should be Unloaded separately batch-wise and placed near the area where it required to be fixed. This will result in minimum handing of material and avoid mixing of different batch of tiles and edge-breaking.
- Tiles Should not be thrown on any surface, it should be placed gently on leveled ground. While shifting the tiles, care should be taken that tiles do not hit any other material or tiles to safeguard the edges and corners of the tile.
- By considering the weight of different sizes, following number of tiles are recommended in each stack.

Size in cm	(in inch)	Nos.
40cm x 40cm	(16 x 16)	= 25
30cm x 30cm	(12 x 12)	= 35
25cm x 25cm	(10 x 10)	= 45

INSTALLATIONGUIDE-TILES

- For shifting of tiles to higher floors by hoist, the tiles should be placed horizontally on pallets.

- While removing the tiles form stack, the complete stacks of tiles should be removed and no tiles should be left over to prevent unnecessary wastage and damage, if any.

Precautions Before You Start Laying of Tiles

- It is recommended that quantity of tiles required for every enclosed or open area should be ascertained and check the availability of tiles (Batch wise) to match with requirement. This will help in minimising left over tiles as well as short fall of the tiles.

  The use of different batches of tiles in one area may result in slight difference in colour and design.

- It is strictly advised that the tiles should be installed after the internal and external plastering. Any heavy dumping of material or mixing of mortar on freshly installed tiles will damage or spoil the surface of the tiles.

- Clean the Tiles carefully from all four sides before installation to ensure fine joints.

Base Floor Preparation

- Sub-Floor should be cleaned properly by removing any loose or set mortar, unwanted material or dust from the sub-floor.

Laying of Tiles

- Chequered Tile Flooring work should start from the one side of building compound after fixing curbstone or any other suitable stone, which provide protection boundary to Chequered Tiles.

- It is strictly suggested that the no area should be left out partly done, as the last row of tiles fixed will have their edges expose, resulting in not only the edge getting damaged but also the tiles becomes loose, if someone were to step on them. Under no circumstances should other area be taken up for tiles installation unless the room already taken in hand for installation are completed.

- If area is very large where work is not possible to finish in one complete day, the final row of tiles should be protected either by putting bricks or weak mortar and next day the work should be started after proper cleaning on edge of last row of tiles.

Bedding of Mortar

- The bedding layer for laying tiles is to be prepared in cement mortar.

- It must be ensured that the base is well compacted and free from all unwanted matters. The surface should be rough to form a suitable key between the base and the mortar bed.

- The bedding must be leveled and laid to slight slope as desired.

- The top of the mortar should be kept rough so that cement slurry can be absorbed to form a bond between Tiles and Mortar.

- It is suggested that the thickness of Bedding Mortar should not be more than 2" to avoid sinking of tiles.

Laying Procedure

- The laying of Tiles should commence after the bedding has become sufficiently hard.

- Neat cement slurry should be spread over the mortar bed and tiles should be gently tapped over it, using a wooden hammer to match the top level of the adjoining tiles. The cement sand ratio in cement mortar should be as per IS specification (1:5).

- The joint shall be kept as thin as possible and in straight line.

- After proper laying of Tiles, the extra cement slurry coming out from the joints must be cleaned thoroughly and Tiles laid should be allowed to set for about 12 Hrs. Next day the joints must be cleaned fairly deep with wire brush and then grouting should be done.

- The joints shall be filled with cement grout of the same shade as the tile matrix colour. Grouting should be done carefully to make sure that grouting material has completely filled the joins.

- In case of coloured chequered tiles grouting material should be the same colour as Chequered Tile.

- After fixing of tiles, the flooring must be kept moist and set for at least 7 days.

- In case where the edges of tiles are exposed, (for example due to difference in floor levels) the exposed edges of Tiles should be covered with Aluminium or S. S. Angles or any other suitable material which can protect breaking of edges.

WHYSUPERTILES?

Fully automatic machines from UK & Italy to manufacture kerbstones , pavers & tiles in large quantities.

All machines are equipped with batching & mixing plants which ensures high strength & consistency in product.

State of the art material handling system with forklifts, crane & pallets.

Steel moulds imported only from UK & Italy which give high dimensional accuracy.

Testing of all incoming raw material & outgoing finished goods.

Own fleet of 40 trucks for transporting finished goods on time.

FinishedgoodshandlingequipmentatSuperTiles





Probst German material handling system for safe handling of products



Material delivered by truck mounted HIAB CRANE from Sweden

OURTESTINGFACILITY









Notes

Our Quality Offerings

- Super fibre reinforced Chequered Tiles
- Super smooth finish paver blocks / Shot blasted paver blocks - ISI Marked
- Curled paver blocks / Commercial grade paver blocks and heavy duty
- Super Rock tiles
- Super Terrarock pre polished tiles
- **SUCON™** - Vaccuum wetpress concrete precast flagstones & kerb stones
- **CONCROOF™** - Cement roofing tiles
- Super Grass Pavers
- Cutting & polishing of imported marble stone

SUPER
PRECAST & INFRASTRUCTURE

Super Tiles & Marble Pvt Ltd.

107, Nirman Kendra, Famous Studio Lane, Dr. E. Moses Road,
Mahalaxmi, Mumbai - 400011, Maharashtra.

Tel : 022 - 2494 3614 / 4974 7577

E-mail : info@supertiles.net

www.superexternaltiles.com

Factory

Achhad: Plot No. 23, Achhad Industrial Estate, Village Achhad,
National Highway No. 8, Tal. Talasari, Dist. Palghar - 401 404, Maharashtra.
Tel.: 02521- 230039 . Mob.: 09377843590

Silvassa: Survey No. 375/4-1, Village Kharadpada, Naroli,
Silvassa (Dadra & Nagar Haveli) - 396 235.
Mob.: 09637342270

Pune : Mob: 098230 31764

Gujarat / Rajasthan : Mob : 076004 87712 / 098250 39007

Silvassa / Daman / Vapi / Valsad / Boisar / Palghar : Mob : 093770 30339

Bangalore : Mob : 091089 97242 / 099458 46123

Chennai : Mob : 091089 97241

Kerala : Mob : 099958 24578

Hyderabad : Tel : 040 2374 0856