

# Laxmi Cement Products

“Anand” Plot No. M-2, Industrial Estate, MSK Mill Road, Gulbarga – 585102 – Karnataka  
 Ph. No. (O) 221766/221998/229081 Fax Tel: 08472 – 221766  
 www.sapphiretiles.com E-mail : laxmicementproducts@yahoo.co.in

## Specifications for “Sapphire” Designer Concrete Products

Sl.No.	Description	Designs as per Catalogue	Specification
1	<p><b>Sapphire</b> Designer Door Frames of sizes:</p> <p>a. 7 Ft length x 2.5 Ft width                      b. 7 Ft length x 3 Ft width                      c. 7 Ft length x 4 Ft width</p> <p><b>Sapphire</b> Designer window frames of sizes</p> <p>a. 4 Ft length x 30” width                      b. 4 Ft length x 18” width</p> <p><b>Advantages:</b>                      Enhanced strength by using special steel, Elegant sections easy of assembly, smooth Finish, Appearance, as of wooden and marble finish. A unique design of special polymer cube for hinges, mortise plate, tower board for screw holding capacity of more than 300 kg. no need of lintel in 4” Wall</p> <p><b>Applications :</b> Any R.C.C. Buildings</p>	<p>a. Marble Finish                      b. Green Marble Finish                      c. Teak Wood Finish                      d. Rose Wood Finish                      e. Others</p>	<p><b>a. Compressive strength</b> 650 kg/cm<sup>2</sup>  <b>b. Bending strength</b> 840kg/cm<sup>2</sup>  <b>c. Water Absorption</b> Not more than 2.5%</p>
2	<p><b>2.Sapphire</b> Designer Concrete Bench</p> <p><b>Advantages:</b>                      Water proof, weather proof, instant fixing &amp; easy to assemble &amp; no need of foundation.</p> <p><b>Applications :</b> Gardens, Security, Terrace, Public Park, Bus Stops, Railway Stations, Education institutions &amp; Hospitals</p>	<p>a. With back rest 2 seater &amp; 3 seater                      b. Without back rest 2 seater &amp; 3 seater</p>	<p>As per catalogue pay load 300 kg seating capacity 2 people and 500 kg for seating capacity of 3 people.</p>
3	<p><b>Sapphire</b> Designer SFRC Manhole frames and covers of sizes</p> <p>a. 375mm x 375mm x 90mm light duty (square)                      b. 500mm x 500mm x 90mm medium duty (square)                      c. 600mm x 600mm x 90mm heavy duty (square)                      d. 750mm x 750mm x 100mm heavy duty (circular)</p> <p><b>Advantages :</b>                      High quality, theft free, Economical, Smooth surface with attractive designs the entire assemble gives the elegant touch. No painting required to prevent corrosion and safety due to high Grade of concrete</p> <p><b>Applications :</b> Highway, State Highway, Layouts, Residential &amp; Commercial Drain lines</p>	<p>As per Catalogue</p>	<p><b>a. Water Absorption</b>                      Not more than 2.5%  <b>b. Load capacity</b>                      a) 5 metric tone                      b) 10 metric tone                      c) 10 metric tone                      d) 15 metric tone</p>
4	<p><b>Sapphire</b> designer drain slab with perforated of 45mm dia of size 450mm x 750mm x 75mm thickness</p> <p><b>Advantages :</b> High quality, theft free, Economical, Smooth surface with attractive designs the entire assemble gives the elegant touch. No painting required to prevent corrosion and safety due to high Grade of concrete &amp; with Handle to lift</p> <p><b>Applications :</b> Open Drains for rain water Attached to roads</p>	<p>Design as per catalogue</p>	<p><b>a. Comprehensive strength.</b>                      500 Kg/cm<sup>2</sup>  <b>b. Water Absorption</b>                      Not more than 2.5%  <b>c. Abrasion</b>                      Not more than 0.5mm</p>

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5	<b>Sapphire Designer Kerb Stone</b> a. 450mm x 300mm x 40mm thickness b. 450mm x 600mm x 90mm thickness c. 450mm x 600mm x 75mm thickness <b>Applications :</b> Footpaths, Gardens, Residential & Commercial Buildings	a. Moulded b. Chamfered c. Wave	<b>a. Compressive Strength</b> 40mm – 300kg/cm <sup>2</sup> 90mm – 500kg/cm <sup>2</sup> 75mm – 450kg/cm <sup>2</sup> <b>b. Water Absorption</b> Not more than 2.5%
6	<b>Sapphire Designer Inter Locking Paving Block</b> (45mm , 60mm, 70mm, thickness) <b>Applications :</b> Footpaths, Gardens, Parking, Drive way Etc.	a. Zig-zag b. Crown c. Spectra d. Hammer	<b>a. Compressive Strength</b> 45mm – 400kg/cm <sup>2</sup> 60mm – 450kg/cm <sup>2</sup> 70mm – 500kg/cm <sup>2</sup> <b>b. Water Absorption</b> Not more than 2.5% <b>c. Abrasion Test</b> Not more than 0.5mm
7	<b>Sapphire Designer Flooring Tiles</b> (20mm – 25mm thickness) (Exterior, Semi Exterior) <b>Applications :</b> Footpaths, Gardens, Parking, Drive way Terrace, Residential & Commercial Building Compound	a. Chatura b. Wave c. Hexagonal d. Chequered e. Cadbury f. Orbit g. Pabbels h. Cobble Stone I. Walkman	<b>a. Flexural Strength</b> 142.5 Kg <b>b. Water Absorption</b> Not more than 2.5% <b>c. Abrasion Test</b> Not more than 0.5mm
8	<b>Sapphire Designer Wall Cladding (10mm-15mm)</b> <b>Applications :</b> Any Walls for Good Elevations	a.Square b.Johnson c.Brick d.pabbels e. Cadbury	<b>a. Water Absorption</b> Not more than 2.5%
9	<b>Sapphire Designer Steps and Rizers (25mm – 30mm)</b> <b>Applications :</b> Any Staircase & Common Steps	a.11” x 12” and 6” x 12” b.11” x 36” and 6” x 36”	As per catalogue <b>a. Flexural Strength</b> 150 Kg <b>b. Water Absorption</b> Not more than 2.5% <b>c. Abrasion Test</b> Not more than 0.5mm
10	<b>Sapphire Designer Balustrades</b> a) 12” Long b) 18” Long c) 24” Long <b>Applications :</b> Staircase, Terrace, Compound wall	As per catalogue	<b>a. Water Absorption</b> Not more than 2.5%
11	<b>a) Sapphire Designer fencing pole of 7 Ft long with 50mm dia holes for Barbs b) Sapphire Designer fencing pole of 8 Ft long with 50 mm dia holes for Barbs.</b> <b>Applications:</b> Farm Land, Open plots, Layouts & for electricity Transformers	As per catalogue	<b>a. Compressive Strength</b> 500kg/cm <sup>2</sup> <b>b. Water Absorption</b> Not more than 2.5% <b>c. Bending Strength</b> 700 kg

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## LIST OF PRODUCTS AVAILABLE

- I. SAPPHIRE DESIGNER PAVING BLOCKS**
  1. ZIG-ZAG
  2. CROWN
  3. HAMMER
  4. SPECTRA
- II. SAPPHIRE DESIGNER FLOOR TILES**
  1. CHATURA AND CUBE
  2. WAVE
  3. CHEQUERED
  4. CADBURY
  5. HEXAGONAL
  6. ORBIT
  7. PABELLS
  8. Cobble Stone
  9. Walkman
- III. SAPPHIRE DESIGNER WALL TILES**
  1. BRICK
  2. JOHNSON
  3. SQUARE
  4. PABELLS
  5. Cadbury
- IV. SAPPHIRE DESIGNER STEPS AND RIZER**
  1. STEP 11" X 12"
  2. RIZER 6" X 12"
  3. STEP 11" X 36"
  4. RIZER 6" X 36"
- V. SAPPHIRE DESIGNER KERB STONES**
  1. 12" X 18" X 40MM (TOP MOULDED)
  2. 18" X 24" X 90MM (CHAMFERED)
  3. 18" X 24" X 75MM (WAVE)
- VI. SAPPHIRE DESIGNER INTERLOCKING GARDEN BENCH**
  1. GARDEN BENCH WITH BACK REST – 2 SEATER & 3 SEATER
  2. GARDEN BENCH WITHOUT BACK REST – 2 SEATER & 3 SEATER
- VII. SAPPHIRE DESIGNER MANHOLE FRAMES AND COVERS**
  1. LIGHT DUTY 15" X 15" X 4"
  2. MEDIUM DUTY 20" X 20" X 4"
  3. HEAVY DUTY 24" X 24" X 4"
  4. HEAVY DUTY 30" X 30" X 4"
- VIII. SAPPHIRE DESIGNER DRAIN SLAB WITH PERFORATED HOLES & LIFTING HANDLE**
  1. 18" X 30" X 3" THICKNESS
- IX. SAPPHIRE DESIGNER GLAZED DOOR FRAMES**
  1. 7' LONG X 2 ½' WIDTH
  2. 7' LONG X 3' WIDTH
  3. 7' LONG X 4' WIDTH
- X. SAPPHIRE DESIGNER GLAZED WINDOWS FRAMES**
  1. 4' LONG X 3' WIDTH
  2. 4' LONG X 1 ½' WIDTH
- XI. SAPPHIRE DESIGNER BALLUSTRADES**
  1. 12" LONG
  2. 18" LONG
  3. 24" LONG
- XII. SAPPHIRE DESIGNER FENCING POLES**
  1. STRAIGHT 7' LONG WITH 50MM DIA OF 6 HOLES
  2. TOP BEND 8' LONG WITH 50MM DIA OF 8 HOLES



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PRINCIPAL

DR. V. D. MYTRI

PDACEG/CED/TEST/2005/2427

To

M/s Laxmi Cement Products  
Plot No. M - 2, Industrial Estate  
MSK Mill Road  
GULBARGA - 585 102

Date: - 27-10-05

Sir,

Sub: - Test results of Interlocking Cement Concrete Conventional & Designer  
Paver Blocks & Concrete Tiles supplied by you reg.  
Ref: - Your Letter No. LCP/PDA/EC/TR/01 dated 13-09-05.

With reference to the above-cited subject, the test results of above mentioned Paver Blocks & Tiles supplied by you are as follows.

I) New Italian Designer Interlocking Paving Blocks (Concrete Pavers).

1. Compressive Strength

Sl. No.	Load	Comp. Strength	Avg. Comp Strength
01.	100 T	491 Kg/cm <sup>2</sup>	
02.	80 T	393 Kg/cm <sup>2</sup>	442 Kg/cm <sup>2</sup>
03.	90 T	442 Kg/cm <sup>2</sup>	

2. Water Absorption Test: -

Average water absorption less than 2.41%

II) Italian Design Concrete Tiles (Glazed Concrete Tiles)

1. Abrasion Test (Wearability/abrasive resistance): -

Average loss in thickness less than 0.49 mm

2. Flexural Strength Test: -

Average failure load at bending = 142.25 Kg. or (4.74 Kg/cm width)

This is for your kind information

Thanking information.

Yours faithfully

Principal

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