SHIVAYA
INDUSTRIES

POWERED BY
ACC

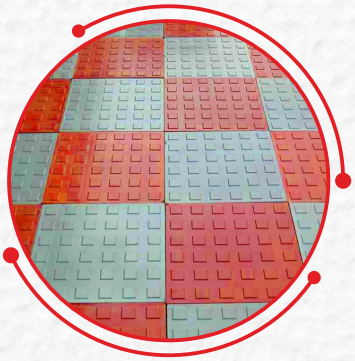
SHIVAYA INDUSTRIES

[An ISO 9001:2015 Certified Company]

[A One Stop Source For Flyash, Bricks & High Strength Concrete Product]

Fly Ash Bricks

Pavers



Ramp Tiles

Cover Block

EMPOWERING RURAL INDIA

To develop a sustainable business model for rural and semi-urban India providing high quality, affordable housing and sanitation solutions; enabling employment and skill development; and contributing towards Swachh Bharat Abhiyan (Govt. of India)

ABOUT US

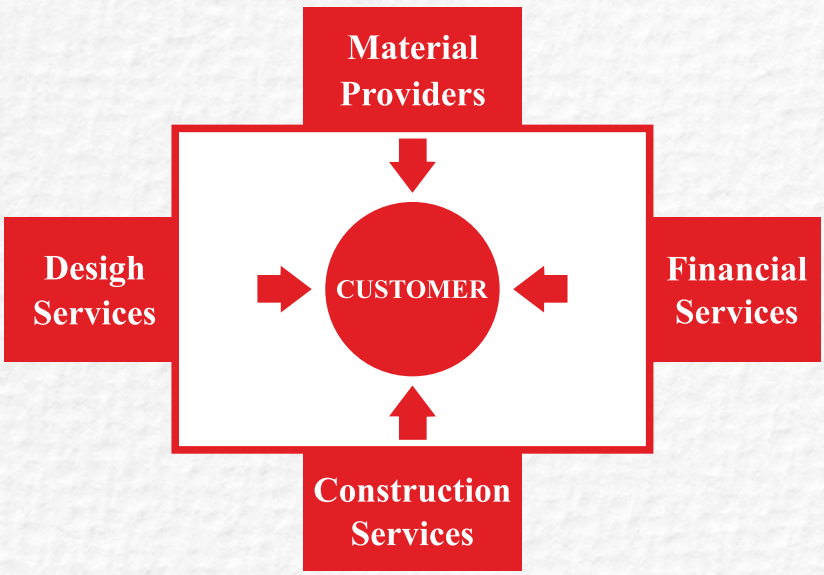
SHIVAYA INDUSTRIES The company aims to accelerate the production and commercialization of Fly Ash Bricks, Pavers Blocks, InterLocking Pavers, Checkered Tiles and Concrete Cover Blocks etc.
Shivaya Industries has also taken a step forward in UPVC Pipes with Shivaya Pipes, Shivaya Industries contributing towards creating a better future and actively participating in Green India Clean India India campaign.
Backed by ACC Limited, a Lafarge-Holcim operating company in India, GBC consistently provides quality products leading to building long lasting roads and infrastructure.
Eco-friendly and cost-effective solutions address the growing demands of affordable housing and other construction projects. It also addresses deforestation and sustainable resource management in the emerging construction landscape by providing low-carbon manufacturing techniques.

GBC CONCEPT

Numerous challenges emerge while addressing development in terms of quality housing and materials. Sustainable development has become a key driver to add value to society. An astoundingly new, market based initiative by ACC in the form of Green Building Centres offers a simple and effective methodology to address some of these issues.

The Green Building Centre brings together, under one roof, all the components of an ecosystem for quality housing and building products. It focuses on making materials, products and services available at a single location, thus enhancing the customer experience.

The GBC's are based in the Triple Bottom Line Approach framework- incorporating 3 dimensions of performance: social, environmental and fnancial. These areoperated by the associate under thesupervision and specifcation of ACC, in terms of layout, safety measures, machine capacity anddesign, quality control lab and methods. Etc All components of the ecosystem are brought together in the Green Building Centre



INTRO OF THE UNIT

ACC GBC Karnal , (Haryana) is spread in an Area of 3.5 Acres . The unit is fully automated and all machines are weigh batching equipped with a production capacity of 40,000 Bricks per day along with 35,000 numbers of Concrete Products. The Unit has dedicated and fully covered Raw Material Storage, Curing Yard, Green Area, Multi Storey Office complex , Paint Shop, Labour Quarters and toilets and Finished Goods Stacking Area. The unit has safety rails , safety warnings and fre safety systems installed asemployee and worker safety is one of our top priorities. The unit also follows strict FIFO System for its consumption and despatches.

LAB AND QUALITY CONTROL PROCEDURES

The Manufacturing facility has an inhouse lab with necessary quality control equipments and machines. All incoming raw material is checked in the lab by a trained civil engineer employed at the unit. Final products are being tested among various parameters before being approved for sale. One sample is taken out of every 100 pieces to test. Technical offcer appointed by the company visits every 10 days to check the records as well as the quality of the fnal products through random sampling. All products are marked for their date of manufacturing to ensure they complete their curing cycle before despatch.

FLY ASH BRICKS ABAUT

Fly Ash Bricks is a well proven building material . It is the technological renaissance of cement chemistry, taking clue from the ancient Roman construction technologies. It is a unique technology to serve all the parameters of Sustainable Development which has no parallel even at global level. It's main raw material is fy ash which in the presence of catalysts adopts binding properties. The main advantages of fy ash bricks are discussed below.

ECO FRIENDLY

The Indian Construction Industry contributes signifcantly to pollution and green house emissions to which Fly Ash brick technology is an answer that not only avoids dumping of fy ash on the ground but also provides a sustainable construction solution that helps in conservation of agricultural soil that is used by the construction industry.

It is in the beneft of both the society and the industries to encourage the use of the brick that solves the problem of waste dumping on one hand and provides a reliable and durable building material on the other. The employment and entrepreneurship opportunities it provides to the local population can also notbe ignored. This and similar technologies can make an enormous contribution iempowering the poor of the country who are generally seen hopeless about their future prospects.

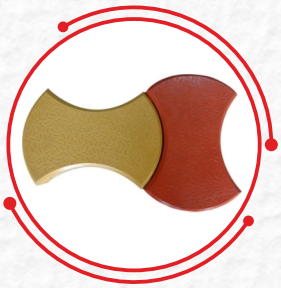
INTERLOCKING PAVERS ABOUT

Cement concrete tiles and paving blocks are precast solid products made out of cement concrete. The product is made in various sizes and shapes viz. rectangular, square and round blocks of different dimensions with designs for interlocking of adjacent tiles blocks. The raw materials required for manufacture of the product are portland cement and aggregates which are available locally in every part of the country.

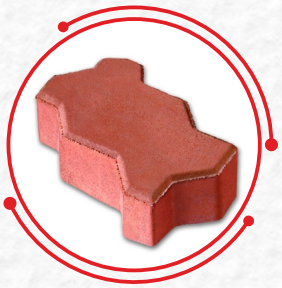
Cosmic

Dumbell

Grass Paver



Olympia



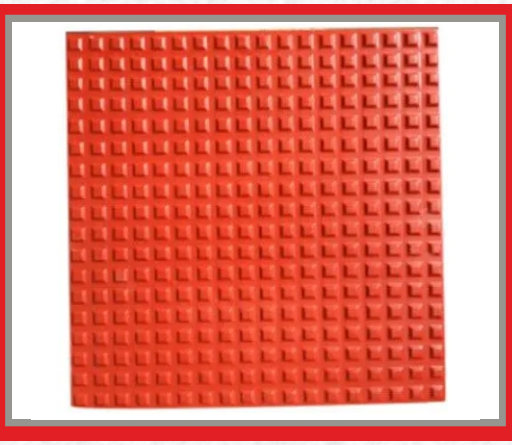
Zig Zag

Thickness: 60mm, 80mm
Colors: Natural Grey, Red, Black, Yellow, Orange, Brown, Ivory (customisation available).

ADVANTAGES

Quality Control	Durability	UV Senstivity
Speed	Cost Effective	Ease
Low Maintenance	Aesthetics	Strength.

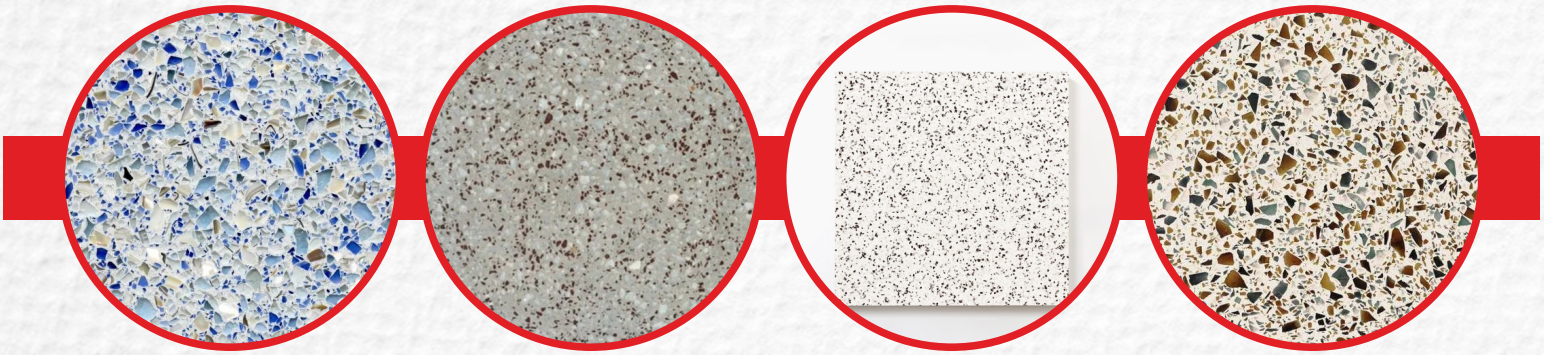
RAMP TILE/ CHEQUERED TILE



Tiles for footpath and entry ramps with appealing designs, patterns and colours. Available in different colours and High Gloss Finishes.

TERRAZO TILES

Bringing in the age old concrete finish which is everlasting and widely demanded for its anti skid properties.
Available in different colours and shades and size of chips customisable as per requirement.



TAC TILES
GUIDING AND WARNING BLOCKS

These blocks indicate a correct path/route to follow for a person with visual impairment. It is recommended to install one/ two rows of tactile guidance tiles along the entire length of accessible route. Line type tiles indicate correct path/ direction to follow. Dot type tiles indicate warning signal for obstacles, drop offs, dead ends and turns.

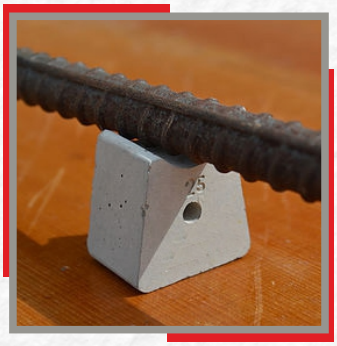
COVER BLOCK

A cover block is basically a spacer that is used to lift the rebar matrix off the ground so that concrete may flow below the rebar. While doing RCC work it is important to embed the steel in the concrete (also known as cover) so that the Rebar doesn'tcorrode and to provide fire protection to the Rebar. If the cover is not recommended the Rebar will corrode with time and will ultimately result in premature failure of the structure .Thus using cover blocks enhances the life of the structure significantly without adding much to the cost.

ADVANTAGES

1. Concrete Spacers prevent rebars from corrosion.
2. It protects rebar from fire to certain length of time.
3. It helps to provide proper transfer of stresses from concrete to steel rebars, by helping provide proper cover to rebars.
4. Protection of the Rebar from the environment by providing a physical barrier.
5. It provides thermal insulation, which protects the reinforcement bars from fire.
6. To give reinforcing bars sufficient embedding to enable them to be stressed without slipping.
7. Ensures that concrete completely encircles Rebar allowing passivation.
8. Ensures that concrete completely encircles Rebar allowing complete bond to develop. Allows the Rebar to assume position and act as designed.
9. Prevents staining.

TYPES



SHIVAYA
INDUSTRIES

SHIVAYA INDUSTRIES

CONTACT WITH US:

Phone:

9451269055, 7752888855
8896304855, 7007728948

Address:

FACTORY: Vill. Bhanpur, Post-Garthama,
Varanasi -221208

Mail:

shivayaindustries1@gmail.com