


# VYARA PAVERS V/S RCC

# COMPARISON BETWEEN PAVING OPTIONS

# Design options & functionality

	<u>RCC</u>	<u>VYARA Interlocking Concrete Block Paving</u>
<b>Design Options</b>	Extremely limited- grey	Endless possibilities in shapes, colours and textures
<b>Looks</b>	Dull and boring.	Exciting. Pavement can be easily broken down to human scale
<b>Performance in rainy season</b> 	Ponding can occur. Can lead to collection of water and mosquitoes	Excellent water drainage because of grooves. Ponding normally will not remain.
<b>Skid resistance</b>	Skid resistance has to be provided for	Naturally skid resistant pavement due to modular design

# Aesthetics & looks





# Design options


## Pavers



## RCC



# Design options & functionality

	<u>RCC</u>	<u>VYARA Interlocking Concrete Block Paving</u>
<b>Wear Resistance</b>	Wear Resistance dependent on workmanship and quality of materials	Highest wear resistance
<b>Resistance to oil spillages</b>	Quality of pavement not affected, but unsightly stains can appear and cause slipperiness	Pavement largely unaffected. Maintains antiskid properties. Point replacement possible
<b>Speed of Laying</b> 	Curing time is required and hence longer time is required for laying of pavement	Very high speed of work is possible. It is also possible to use part of the site while work is in progress

# After some time...

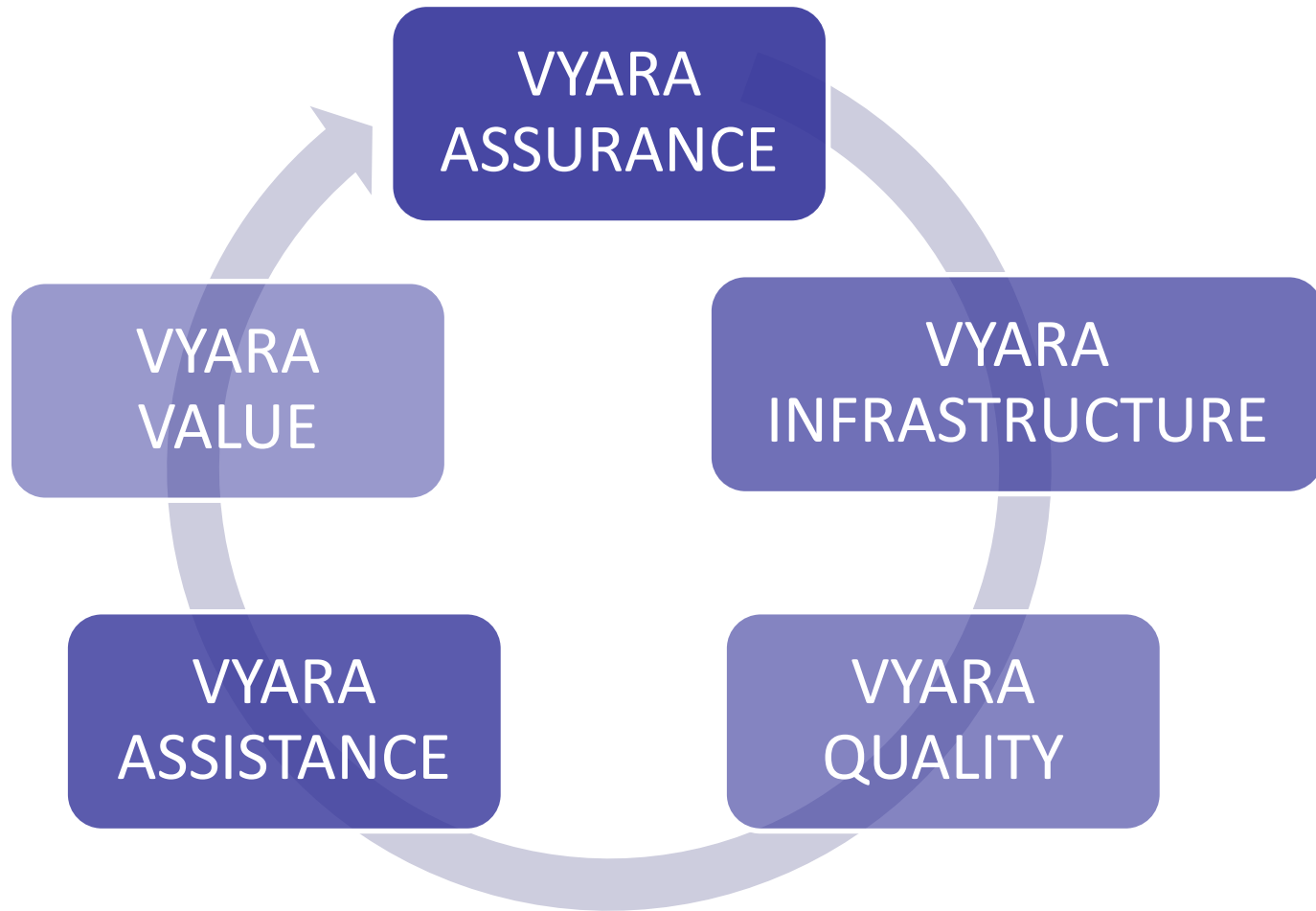


# Flexibility, Maintenance & Reparability

	<u>RCC</u>	<b>VYARA Interlocking Concrete Block Paving</b>
<b>Flexibility</b>	Non flexible pavement. Overloads, Faults in the base or settlement can permanently ruin the pavement	Flexible pavement. Better carrying capacity in case pavement is infrequently subjected to overloads.
<b>Maintenance and reparability</b>	Maintenance is normally extremely difficult and after the repair patches are seen and unsightly	Maintenance is extremely easy and repairs are almost impossible to detect after some time.
<b>Salvage value</b>	Material has no salvage value.	Fairly good salvage value from the material can be obtained



# But why only VYARA?



# The Vyara Assurance

- Since 1968
- Uncompromising Quality
- Unwavering dedication
- Customer service and satisfaction
- Satisfied customers



Value based and ethical organization



ISO 9001:2008 certified



Complete in-house conformance testing



Environment friendly organization

# The Vyara Assurance (cont...)



Incoming Raw Material testing



Abrasion and water absorption testing



Compression, Split tensile, Flexure and bending testing



Moisture control in Bins and Mixer



Face mix and Color Blending Controls



Coarse Mix controls

# The Vyara Infrastructure



Fully Automatic Computerized Weigh Batching Plant and Mixing Plant



# Block Machine REKERS from Germany



Finest Pavements including fully automatic SCADA Controlled plant



## The Vyara Infrastructure



# Handling of blocks

- Blocks are manufactured and stored on high quality steel pallets till they are hardened
- Subsequent handling also happens by automatic cuber on shipping pallets- There is no manual handling involved. This means better integrity of edges and finish



# Curing of blocks



The Vyara Infrastructure

- Curing of blocks take place in controlled conditions in enclosed chambers
- This translates into sharpest and brightest efflorescence free colours
- Consistent finish and strength of materials

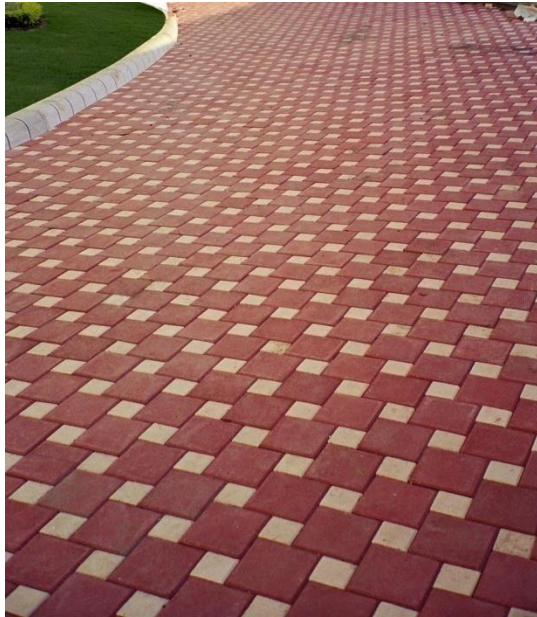


# The Vyara Quality

- “The question is not whether you can afford quality.. It is whether you can afford not to have quality”
- “Quality is remembered long after the price is forgotten”

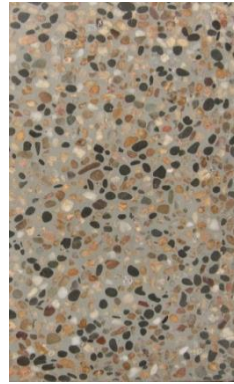
We at Vyara, endeavor to bring to you quality actually required for your projects... with every single block that we deliver.

# Finest aesthetics, sharpest colours

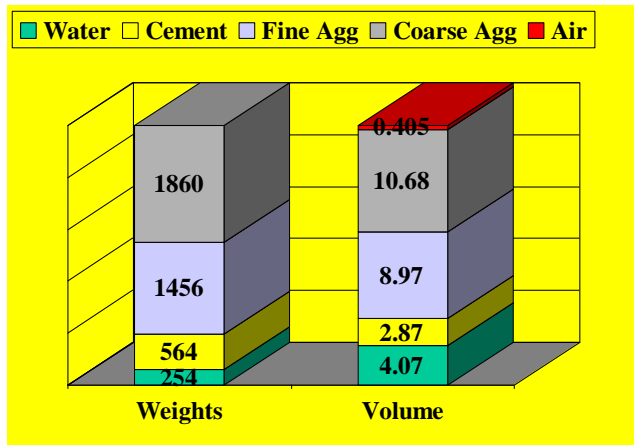


The Vyara Quality

# Widest range of products and finishes



## Most Consistent and economical product by Scientific mix designs





# Best Abrasion Resistance

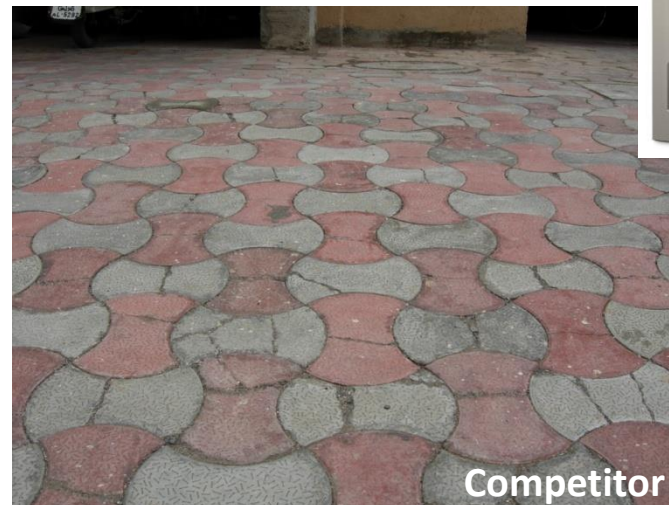




# Low Water Absorption



# High Tensile Splitting Strength

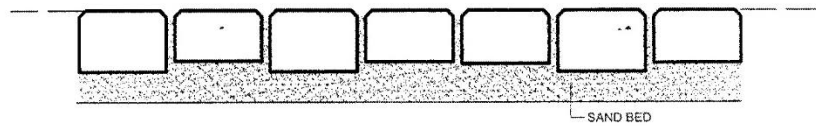


# Best levels and straightest lines

## Effect of thickness variation

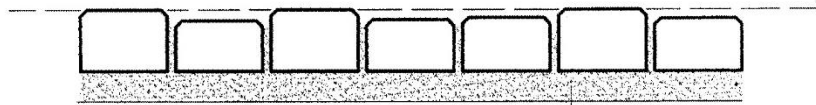
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**Initially (Level)**



(a) INITIAL

**Later after use (settled blocks)**

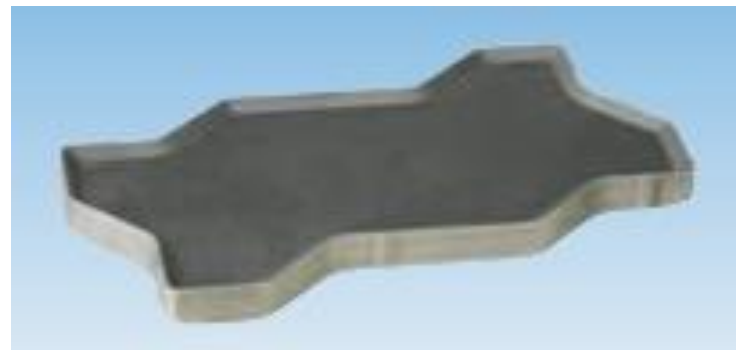
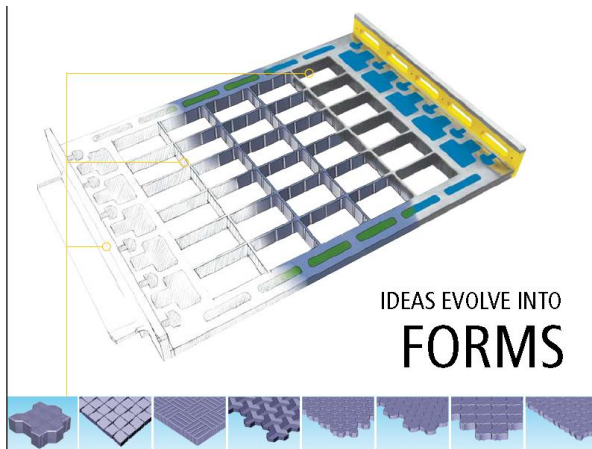


(b) AFTER SEVERAL YEARS

## Effect of variations in plan sizes



# Mould Design as per International standards



The Vyara Quality

# The Vyara Assistance

- Turnkey jobs of supply and laying.
- Assistance with Base/ Sub-base / pavement pattern designing
- Availability of Specifications for paving materials, base construction and materials, detailing, etc.
- Scheduling as per site requirements
- Samples/ Mock up at Sites
- Possibility to supply Eco- friendly pavement materials that infiltrate water back into the soil and with high content of recycled materials



# What VYARA did for these projects

- Turnkey job for supply and fixing of pavers and kerbstones
- Cost and aesthetic benefits to site
- Guidance in economical design of sub base and base
- Assisted in selection of optimum material grade and design for the project
- Completed job at very high quality in very short durations





# Contact Us

## Head Office

S-1 Shankeshwar Complex, Kailashnagar,  
Sagrampura, Majura Gate, Surat

Ph-0261- 3017000

[info@vyaratiles.in](mailto:info@vyaratiles.in); URL: [www.vyaratiles.in](http://www.vyaratiles.in)

## Surat

Mehul Jain-09374001414, Naresh Loh-09328245397

## Mumbai

Kalpesh Shah-09322285672

## Ahmedabad

Haresh Patel-09374034284

