VYARA PAVERS V/S RCC
COMPARISON BETWEEN PAVING OPTIONS
# Design options & functionality

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

Pavers

RCC
## Design options & functionality

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<tr>
<td><strong>Wear Resistance</strong></td>
<td>Wear Resistance dependent on workmanship and quality of materials</td>
<td>Highest wear resistance</td>
</tr>
<tr>
<td><strong>Resistance to oil spillages</strong></td>
<td>Quality of pavement not affected, but unsightly stains can appear and cause slipperiness</td>
<td>Pavement largely unaffected. Maintains antiskid properties. Point replacement possible</td>
</tr>
<tr>
<td><strong>Speed of Laying</strong></td>
<td>Curing time is required and hence longer time is required for laying of pavement</td>
<td>Very high speed of work is possible. It is also possible to use part of the site while work is in progress</td>
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After some time...
## Flexibility, Maintenance & Reparability

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<td><strong>Flexibility</strong></td>
<td>Non flexible pavement. Overloads, Faults in the base or settlement can permanently ruin the pavement</td>
<td>Flexible pavement. Better carrying capacity in case pavement if infrequently submitted to overloads.</td>
</tr>
<tr>
<td><strong>Maintenance and reparability</strong></td>
<td>Maintenance is normally extremely difficult and after the repair patches are seen and unsightly</td>
<td>Maintenance is extremely easy and repairs are almost impossible to detect after some time.</td>
</tr>
<tr>
<td><strong>Salvage value</strong></td>
<td>Material has no salvage value.</td>
<td>Fairly good salvage value from the material can be obtained</td>
</tr>
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</table>
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

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

Abrasions 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

Conveyor to bring concrete from batching plant

Block Plant From Germany

SCADA Control room

Automatic Handling Systems

Finest Pavements including fully automatic SCADA Controlled plant

The Vyara Infrastructure
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

- 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

The Vyara Quality
Low Water Absorption

High Tensile Splitting Strength

The Vyara Quality
Best levels and straightest lines

Effect of thickness variation

Initially (Level)

Later after use (settled blocks)

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

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