

المنارتين AL MANARATAIN

شركة المنارتين ومجموعة علي الشعب ذ.م.م
AL MANARATAIN COMPANY AND ALI AL SHAAB GROUP W.L.L.
منذ 1959 ١٩٥٩

CONCRETE PAVERS

Applications

- ❖ Residential Landscaping
- ❖ Private Roads
- ❖ Parks & Play Areas
- ❖ Parking Areas
- ❖ Pedestrian Precincts & Footpaths
- ❖ Docks & Harbors
- ❖ Public Roads
- ❖ Storage Yards
- ❖ Industrial Floors

Advantages

- ❖ More Strength
- ❖ Durable
- ❖ Easy to fix
- ❖ Ready for use immediately
- ❖ Practical for large or small areas
- ❖ Re-useable
- ❖ Dust free environment
- ❖ Cooler in summer
- ❖ Less maintenance
- ❖ Major cost saving
- ❖ Visually pleasing with attractive colour choice



Rectangular Paver



Quadro Paver



Retro Paver



Fan Type Paver



Fan Type Paver



UNI Paver



Grass Grid



How to lay concrete paving block

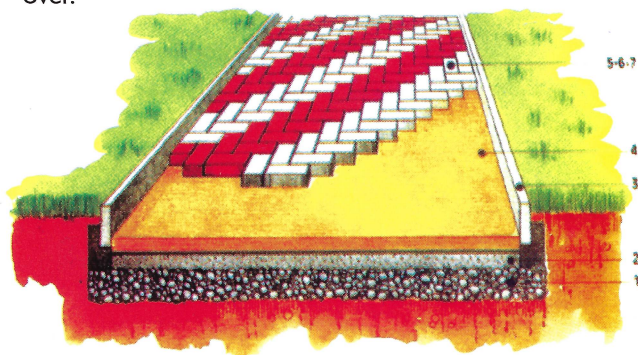
Laying concrete block paving is a straight forward job. The only special tools needed are

1. A mechanical compactor for bedding the block and can also be used for compacting and finishing the sub-base.
2. A hand operated stone splitter or concrete grinder for cutting blocks.

Fixing method and preparation

In case of agriculture land or loose land we have to follow the below procedures.

1. Desert fill to be compacted after spreading and watering.
2. Crusher fine to be spreaded over the desert fill and compaction to be done.
3. Edging kerbs to be fixed if required (as shown).
4. 50mm thick washed sand bed to be levelled and compacted.
5. Concrete block pavings to be fixed over the sand bed.
6. Again sand to be spreaded over the Concrete block pavings to fill the gaps.
7. Final compaction and cleaning to be done before handing over.



Maintenance

Concrete paving blocks needs little or no maintenance. If the paved area needs to be opened up / or access to underground services, the block can be removed and fixed again easily. Only a small number of replacement blocks are required for such situations, and the reinstatement will leave no unsightly scars of patching.

Thickness to be used

- Industrial areas subject to heavy trafficking - 80mm thick interests.
- Residential road - 80mm thick interests
- Car parks and lightly trafficked areas 60mm (80mm thickness if likely to be regularly trafficked by heavy commercial vehicles.)
- Pedestrian areas - 60mm thick interests
- Home gardens and walkways around villas - 50mm thick interests.

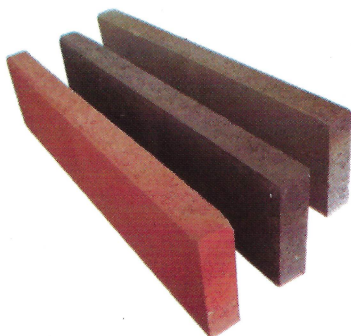
Available Colours



Edging Kerb

Available Sizes

Length	750 mm
Height	175 mm
Thickness	50 mm



Kerb Stone

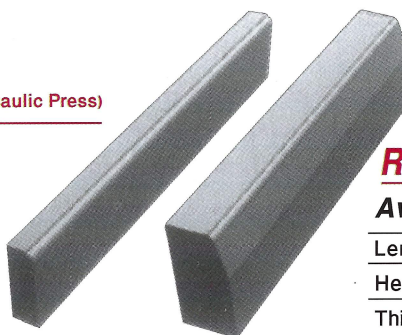
Available Sizes

Length	1000 mm	1000 mm
Height	220 mm	220 mm
Thickness	150 mm	80 mm

Edging Kerb (Hydraulic Press)

Available Sizes

Length	915 mm
Height	153 mm
Thickness	50 mm



Road Kerb (Hydraulic Press)

Available Sizes

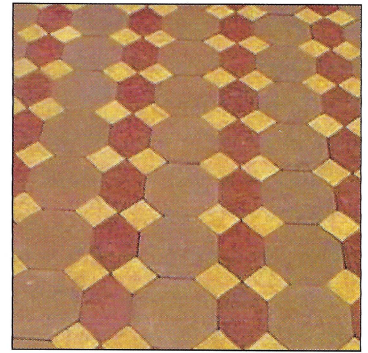
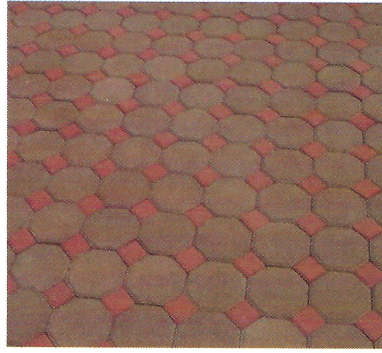
Length	914 mm
Height	254 mm
Thickness	125 mm

• Only reputed inorganic colours pigments are used. Minor variations in colour may occur. This is normal and does not constitute reason for complaint
 • The colour on this catalogue are subject to the limitations of photograph reproduction, always see our actual sample before placing your order.





Quadro Paving Block

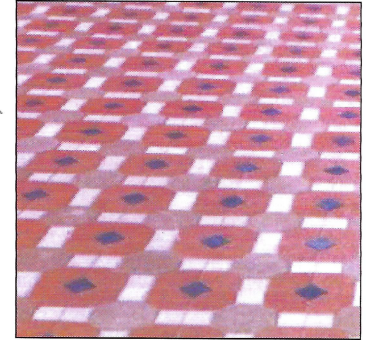
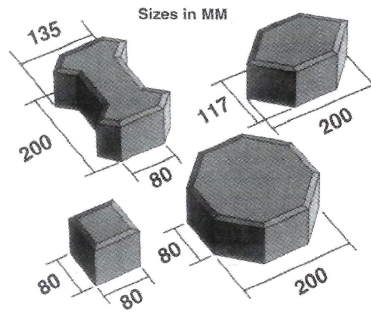
Your surroundings reflect your taste. Add colour to your home, play and work area with quadro. Choose the pattern which suits you best. The possibilities are endless with Quadro the basic patterns can be varied with the different colours that make each design unique.

From single colour to multi colour patterns quadro is the most economic and flexible way of adding robust colour to your project. Quadro is available in more than ten colours, each colour blends in harmoniously add beauty to modern architecture or traditional homes.

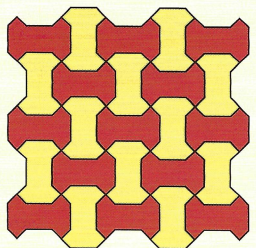


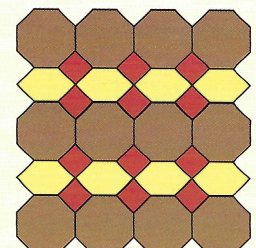



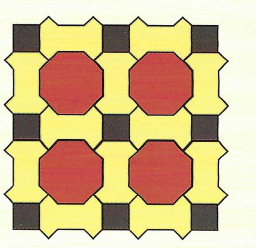



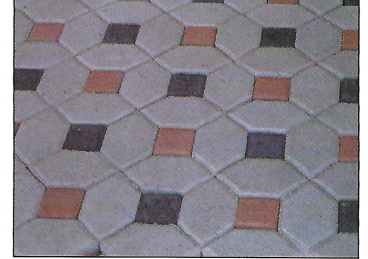
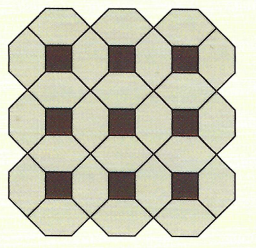


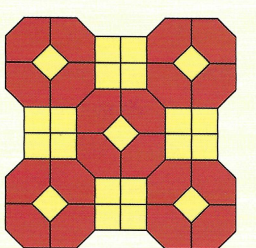


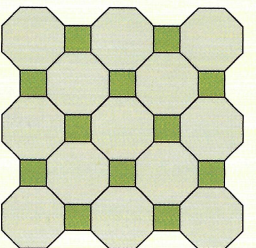


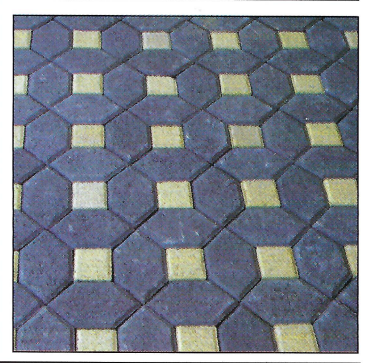
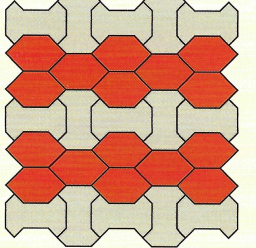


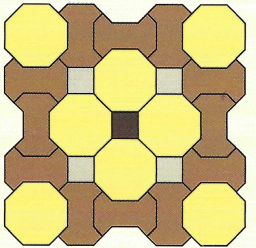




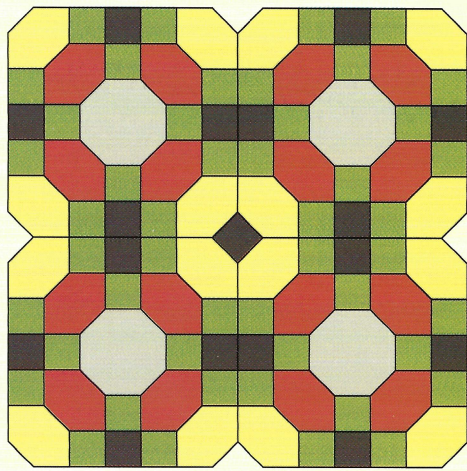





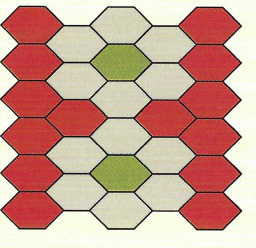



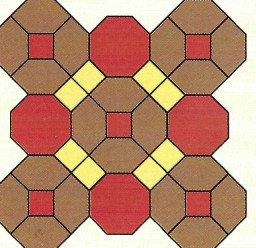






Technical Data

Paving Type	 Octagon Shape	 Square Shape	 I-Shape	 Diamond Shape
Thickness of paving	60	60	60	60
No. of paving / m ²	31	157	52	64

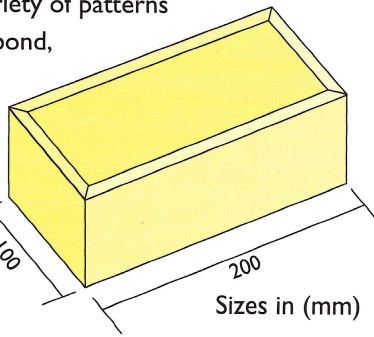


Laying Patterns

<p>1</p>  <ul style="list-style-type: none">  0.5000  0.5000 	<p>2</p>  <ul style="list-style-type: none">  0.5313  0.2572  0.2115 	<p>3</p>  <ul style="list-style-type: none">  0.4224  0.4936  0.0841 	
<p>4</p>  <ul style="list-style-type: none">  0.8294  0.1706 	<p>5</p>  <ul style="list-style-type: none">  0.6605  0.3395 	<p>6</p>  <ul style="list-style-type: none">  0.8340  0.1660 	
<p>7</p>  <ul style="list-style-type: none">  0.4459  0.5541 	<p>8</p>  <ul style="list-style-type: none">  0.3690  0.0838  0.0209  0.5263 	<p>11</p>  <ul style="list-style-type: none">  0.1211  0.2345  0.2345  0.2893  0.1206 	
<p>9</p>  <ul style="list-style-type: none">  0.4167  0.5000  0.0833 	<p>10</p>  <ul style="list-style-type: none">  0.2544  0.2025  0.4925  0.0506 		

Rectangular Paving Block

Paving block may be laid in a variety of patterns including traditional stretcher bond, basket weave, 90° herringbone and 45° herringbone. Where rectangular blocks are used in subjected to vehicular traffic, herringbone is recommended.



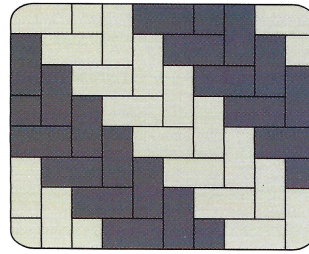
Sizes in (mm)

Technical Data

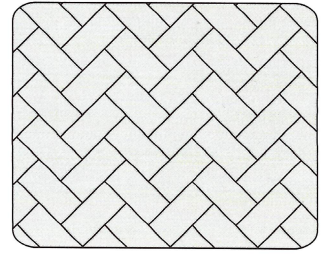
Size (mm)	100 x 200		
Thickness of paving	50	60	80
No. of paving / m ²	50	50	50
Tolerance - Width / Length	±2	±2	±2
Thickness	±3	±3	±3



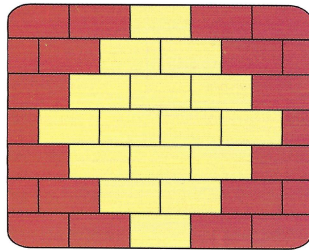
Common Laying Pattern



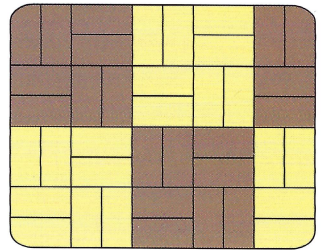
90° Herringbone



45° Herringbone



Basket Weave

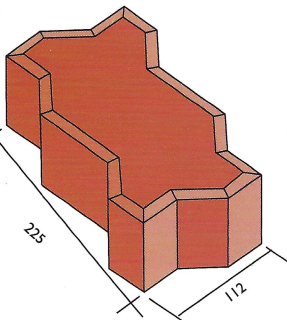


Stretcher Bond



UNI - Paving Block (Zig-Zag Shape)

UNI - paving may be laid in a variety of patterns including traditional stretcher bond, basket weave, 90° herringbone and 45° herringbone. Where UNI-Paving blocks are used in subjected to vehicular traffic, herringbone is recommended.



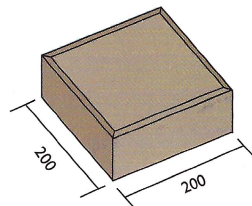
Technical Data

Size (mm)	112 x 225		
Thickness of paving	50	60	80
No. of paving / m ²	40	40	40
Tolerance - Width / Length	±2	±2	±2
Thickness	±3	±3	±3



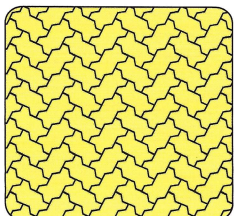
Technical Data

Size (mm)	200 x 200 mm	
Thickness of paving	60	80
No. of paving / m ²	25	25
Tolerance - Width / Length	±2	±2
Thickness	±3	±3

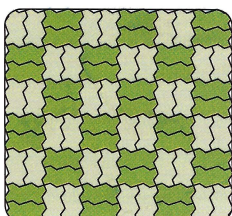


Cobble Stone

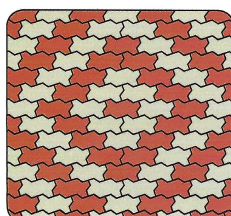
Common Laying Pattern



45° Herringbone



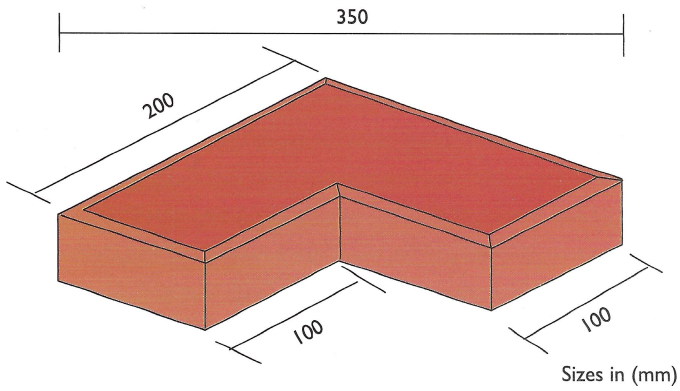
Basket Weave



Stretcher Bond



Three-D Paving Block



The Three-Dimensional paving with its illusionary attracts every viewer. The deceived game between light and shadow seems to transform surface into three dimensional object. An effect that suits perfect for design accents.

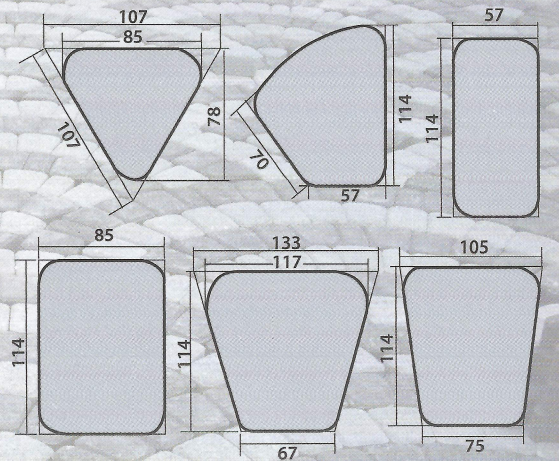
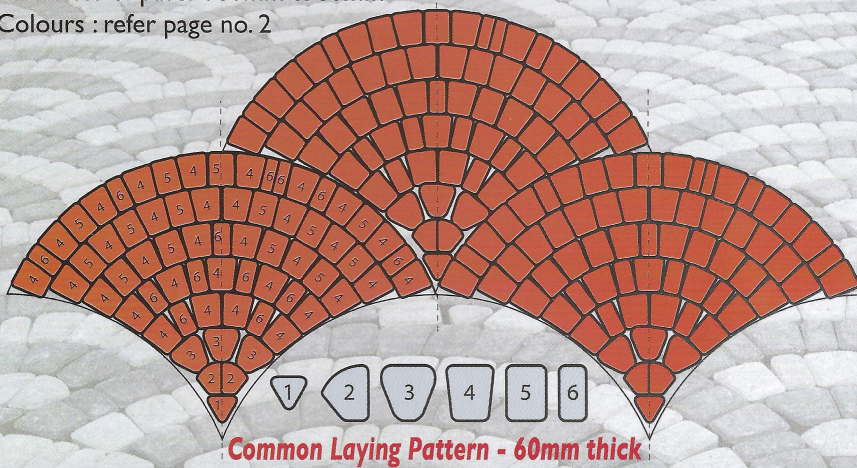
Technical Data

Size (mm)	As Shown
Thickness of paving	60
No. of paving / m ²	39




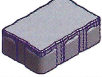

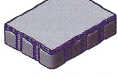
Fan Type Paving Block

Thickness of paver : 60mm & 80mm
Colours : refer page no. 2




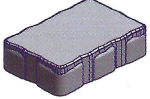

Other Shapes Available

Via Postumia

Paving Types				
Size	195x65	195x130	195x195	195x260
Thickness	60	60	60	60
No. of pavings /m ² (0.96)	8	11	6	7

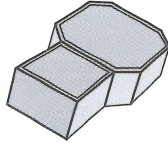


Combo Paving

Paving Types			
Size	130x60	130x200	130x130
Thickness	80	80	80
No. of pavings /m ² (0.92)	15	21	15

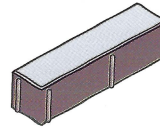


Uni-Decor (Violin Shape)

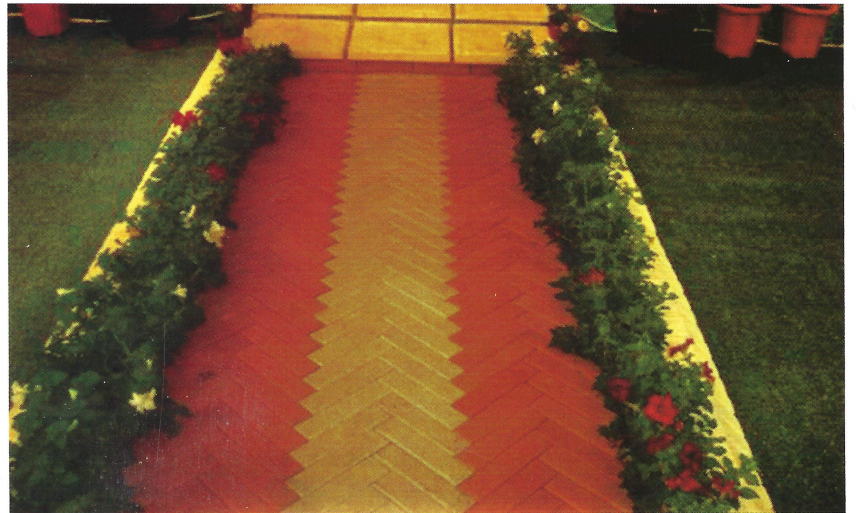
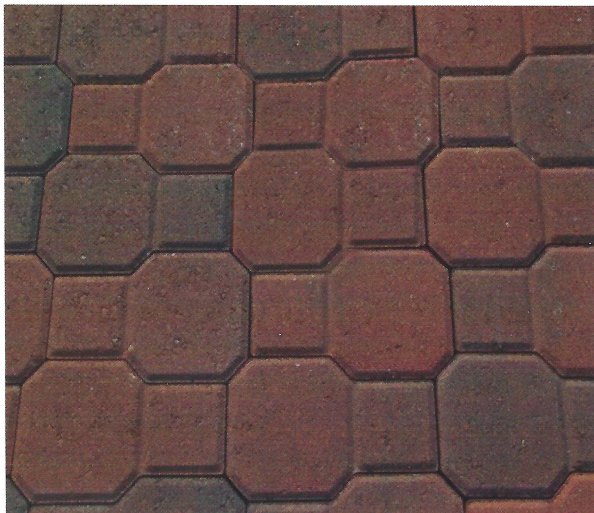


Size	Nominal
Standard Block	227 x 137 mm
No. of pavings /m ²	40 Nos. per m ²
Edge Block Large	137 x 110 mm
Edge Block Small	87 x 87 mm
Thickness	60 mm

Retro Paving



Paving Types	
Size	60 x 250
Thickness	60
No. of pavings /m ²	67



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AL MANARATAIN

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منذ 1959 1959



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E-Mail: alshaab@batelco.com.bh • Web: www.almanaratain.com

All dimensions are in millimeters