

**BUCOMAC**  
Blocks & Interlocks



# STRENGTHENING THE FUTURE...

Bucomac Industries is the leading blocks and interlock tiles manufacturer of the U.A.E





# Bukhatir Group

The Bukhatir Group is one of the largest and most diversified conglomerates in the UAE. Established in 1974 by the young entrepreneur Abdul Rahman Mohamed Bukhatir, with interests in; construction, manufacturing, engineering services, real estate development, information technology, retail, education, sports, and media.

The group's presence spans 3 continents, from North America to Africa, and Asia. The group has an employee base of over 5,000, and its current aggregate annual turnover stands at approximately AED 6 billion.



**Abdul Rahman Bukhatir**  
Founder



**Salah Bukhatir**  
Chairman





## Our Company

Bucomac has founded in 1976 as a manufacturer of blocks with a simple and manual machine. Growth was rapid and today Bucomac is producing over 220,000 blocks daily from the most technically advanced manufacturing plants in the region.

Bucomac's technological edge lies in the advanced attributes of its machinery, it allows mould changing in a shorter time allowing for faster and higher production rates, as well as for consistent and high-quality outputs. All blocks made in Bucomac plants follow strict quality control standards from various municipalities of all Emirates in the UAE, including ASTM, BS and ISO 9001 requirements.

**46**

Years of Successful  
Operations

**220,000**

blocks/day

**2018**

Superbrands - UAE's  
Choice Award







## Vision

To be the UAE and Gulf regions' leading manufacturer, supplier, and trader of high-quality Precast Concrete Masonry Blocks and Interlocking Pavers, Cement Tiles, Kerb Stones, and Green building products.



## Mission

Commitment to provide and maintain the highest quality products, along with the best customer service and delivery standards, through our highly skilled, well-trained, and dedicated team, as well as our state-of-the-art factories.



## Values

**B**

Best people who work together as a team "Teamwork".

**U**

Uphold the highest standards of integrity and respect in all actions.

**C**

Customer commitment and service.

**O**

Oversee quality control and provide products of outstanding quality.

**M**

Make work fun, reward good performance and promote H&S first.

**A**

A Will to Win in the marketplace.

**C**

Constantly Improve and Innovate, never stop improving.





# Quality & Control Assurance

## **Technical Data for Masonry Concrete Building Blocks:**

Bucomac manufactures concrete interlocking tiles for the construction industry. Our products comply with standards and specifications of the UAE, ASTM, and BS.

## **Quality Control:**

Bucomac's production facilities maintain unparalleled standards of quality when developing all our products. From raw materials selection to product finalization, our state-of-the-art laboratories conduct quality tests and various points to ensure premium production results.

## **Technology:**

Bucomac has acquired state-of-the-art MASA R 9001 XL fast version and 9.2 XLS plants, produced by Germany brand MASA AG. The technology is capable of producing differing concrete blocks and interlock tiles.





## Raw Materials

**Aggregates:** Bucomac uses select crushed aggregate sources from Fujairah and RAK: routine quality analysis is carried out to ensure consistency in the quality of raw materials. Aggregate samples are periodically sent to independent testing laboratories for grading, flakiness, shell content, acid-soluble chloride and sulphate content, aggregate crushing value, etc.

**Water:** Routine checks and laboratory tests are conducted to ensure the quality of water which for the manufacturing of our products.

**Cement:** For each delivery of cement test certificates are obtained from the supplier to ensure and confirm the quality. Bucomac uses cement which complies with BS EN 197-1:2000 standards for ordinary Portland cement.

**Pigments:** Interlock tiles are produced in a wide range of colours such as Red, Black, Green, Tan, Beige, etc. and other colours can be produced to meet customer needs. We use pigments which comply with BS1014 standards, giving natural and effective colours to interlock tiles.

**Mix Monitoring:** Bucomac has well-equipped in-house labs to perform analysis and tests to meet the requirements of current markets. Continued monitoring is conducted to maintain the quality and performance of the product.

## Performance & Properties for Interlocking Tiles:

**Curing:** Bucomac's products undergo curing in the built-in, ready-made chambers, using the state-of-the-art, naturally air circulated systems. This unique system strengthens the products and in very short intervals, enhancing the overall quality.

**Quality Control for Kerbstone:** Strict quality assurance system is followed and control is done right through from raw materials, production and curing process. The source of Raw Materials is carefully selected to meet relevant local/international quality standards. Aggregates are tested periodically at an independent laboratory for physical and chemical characteristics. Bulk cement is procured from reputed producers and every trip is backed with a test certificate from the manufacturer. Potable water is from ADDC complies with complete requirements. The computer controls concrete mix design in batching plants ensuring uniform concrete quality. In Addition, weighing and dosing system systems are calibrated periodically to maintain accuracy. Random samples were drawn from cured products, sent to an independent laboratory for testing for compressive strength, water absorption and transverse strength as per BS 7263 or BS EN 1340.

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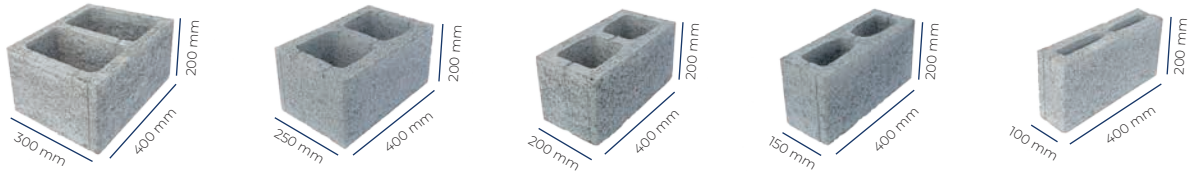
# CONCRETE BLOCKS





## Hollow Blocks

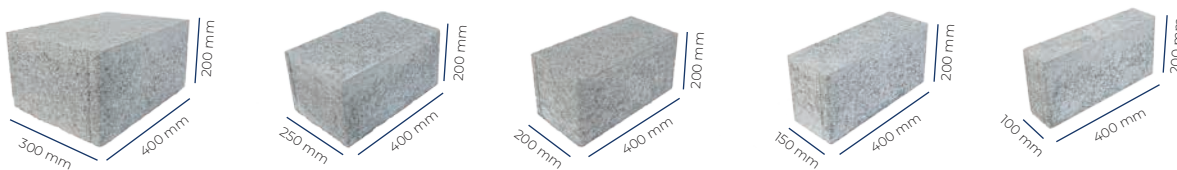
HOLLOW BLOCKS are produced with hollow cavities to reduce weight or improve insulation. The use of block work allows for structures to be built in the traditional masonry style, with layers or courses of overlapping blocks. These concrete hollow blocks are widely used for building infrastructure and require low maintenance. High dimensional accuracy and consistent finishing makes these blocks an ideal building material for both, load bearing constructions as well as partition walls.



Technical Data (Hollow Blocks)						
Size (LxWxH) mm	Blocks/Bundles	Bundles/Trailer	Blocks/Trailer	Bundles/Truck	Blocks	Kg/Pc
400X300X200	72	17	1224	9	608	30
400X250X200	90	14	1260	8	720	28
400X200X200	72	21	1512	12	864	23
400X150X200	96	21	2016	12	1152	18
400X100X200	144	21	3024	12	1728	14

## Solid Blocks

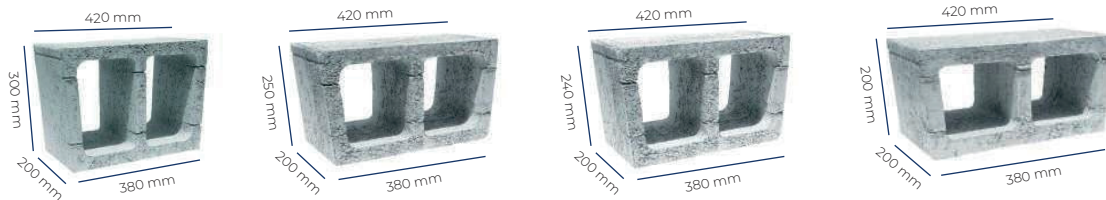
SOLID BLOCKS are designed to meet and exceed all current standards and regulations, and are manufactured using the very latest production technology, in the most technologically advanced plant in the region. Solid Blocks are manufactured with crushed aggregates, sand, and cement, and it is commonly used for the foundation of structures and produced using Ordinary Portland Cement (OPC), or Sulphate Resistance Cement (SRC), according to the requirement of each customer.



Technical Data (Solid Blocks)						
Size (LxWxH) mm	Blocks/Bundles	Bundles/Trailer	Blocks/Trailer	Bundles/Truck	Blocks/Truck	Kg/Pc
400X300X200	48	16	768	10	480	56
400X250X200	90	11	990	6	540	44
400X200X200	72	14	1008	10	720	36
400X150X200	96	14	1344	10	960	26
400X100X200	144	14	2016	12	1440	18

## Hourdi Blocks

HOURDI BLOCKS are manufactured with crushed aggregates, sand and cement. They are multi utility masonry blocks, which are getting more popular during these days. Hourdi blocks are used in the slab floor concrete. They are also known as filter blocks. Hourdi blocks are resistant to fire, different weather conditions, and ageing. They have got wonderful sound and thermal insulation abilities, and are produced in all standard sizes and shapes, according to the requirements of each customer.



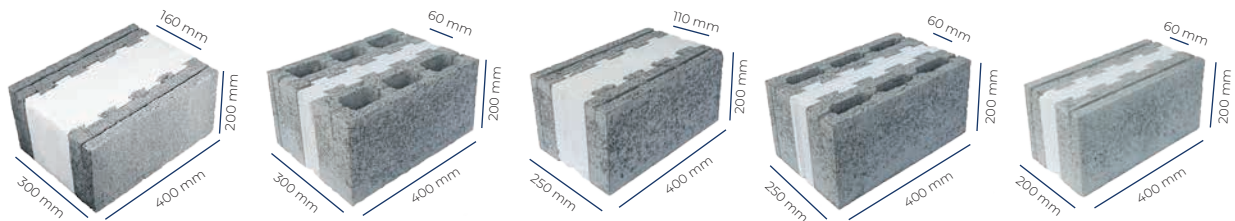
Technical Data (Hourdi Blocks)

Size (LxWxH) mm	Blocks/ Bundles	Bundles/ Trailer	Blocks/ Trailer	Bundles/ Truck	Blocks/ Truck	Kg/Pc
420X380X300X200	48	28	1344	16	768	23
420X380X250X200	60	25	1500	15	900	22
420X380X240X200	60	25	1500	15	900	21
420X380X200X200	72	21	1512	12	864	19

## Thermal Blocks

THERMAL BLOCKS are made of concrete consisting of select aggregate and cement, with expanded polystyrene. The polystyrene is specially designed, and placed symmetrically during the time of molding the blocks at wet stages of concrete.

**Thermal blocks specifications:** fire resistant, excellent sound insulation and high thermal efficiency.



Technical Data (Thermal Blocks)

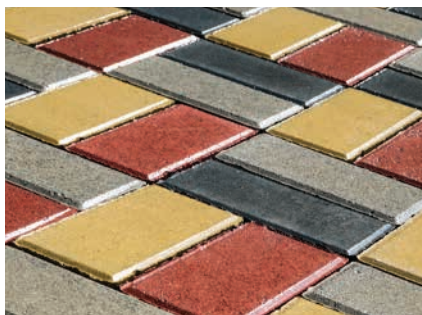
Size (LxWxH) mm	Insert (mm)	Blocks/ Bundles	Bundles / Trailer	Blocks / Trailer	Bundles / Truck	Blocks / Truck	Kg /Pc
400X300X200	160	72	17	1224	9	648	23
400X300X200	60	72	17	1224	9	648	32
400X250X200	110	90	14	1260	8	720	23
400X250X200	60	90	14	1260	8	720	27
400X200X200	60	72	21	1521	12	864	23





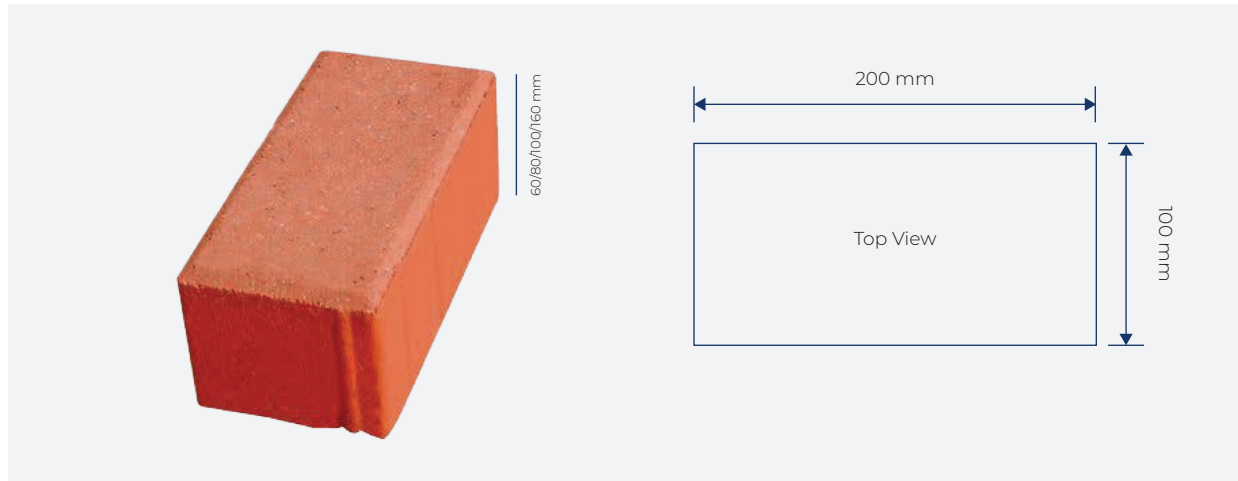


# INTERLOCK TILES



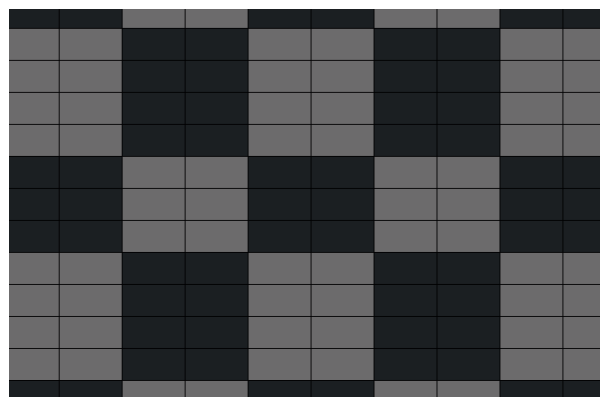
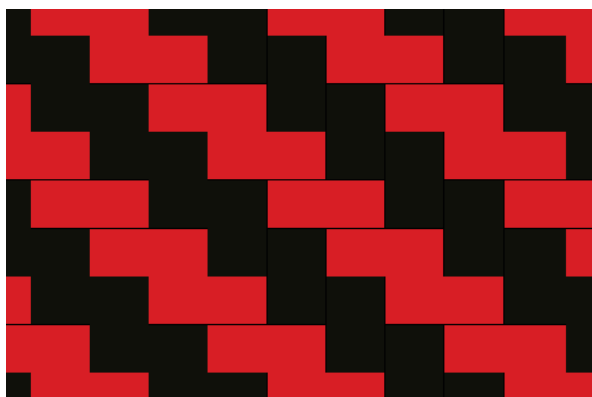


## Rectangular Pavers



Technical Data				
Stone	Rectangular Pavers			
Thickness of Stone-cm	6	8	10	16
Numbers of Stone/m <sup>2</sup>	50	50	50	50
Weight / Stone (Kg)	2.5	3.5	4.5	7.5
SqM / Layer	1.08	1.08	1.08	1.20
Number of Layers/Bundle	12	9	8	5
SqM / Bundle	12.96	9.72	8.64	6.00
SqM / Trailer (24 bundles)	311.04	233.28	207.36	144.00

## Pavers Combination



Actual stone colors may vary slightly from print colors

Available Colors:



Black



Red



Brown



Tan/  
Orange



Yellow



Green

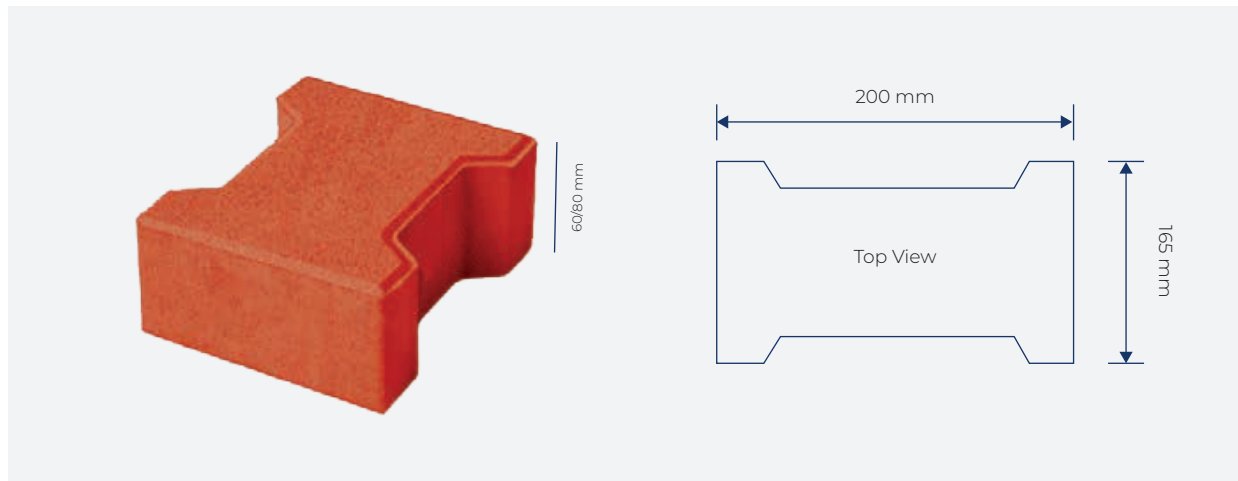


Grey



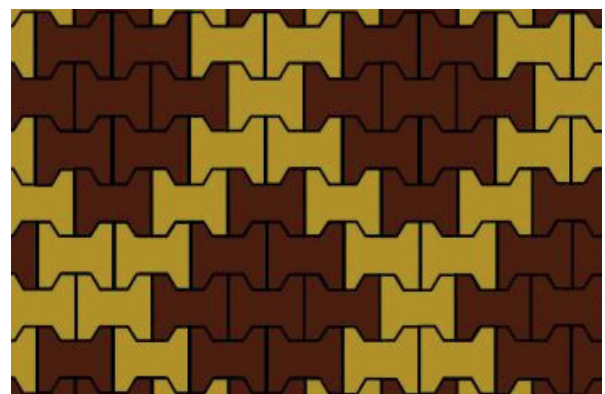
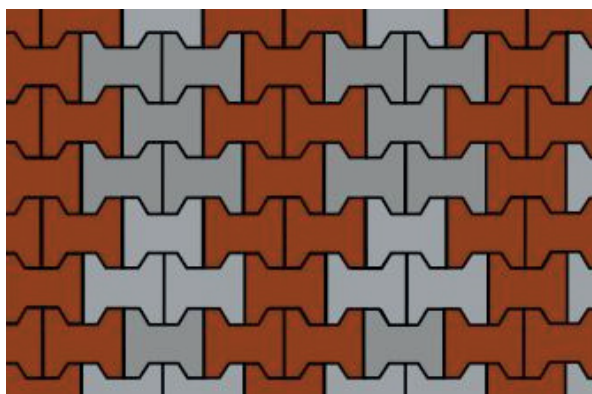


# Behaton Pavers



Technical Data		
Stone	Behaton Pavers	
Thickness of Stone-cm	6	8
Numbers of Stone/m <sup>2</sup>	36	36
Weight / Stone (Kg)	3.5	5
SqM / Layer	1.01	1.01
Number of Layers/Bundle	12	9
SqM / Bundle	12.12	9.09
SqM / Trailer (24 bundles)	290.88	218.16

## Pavers Combination

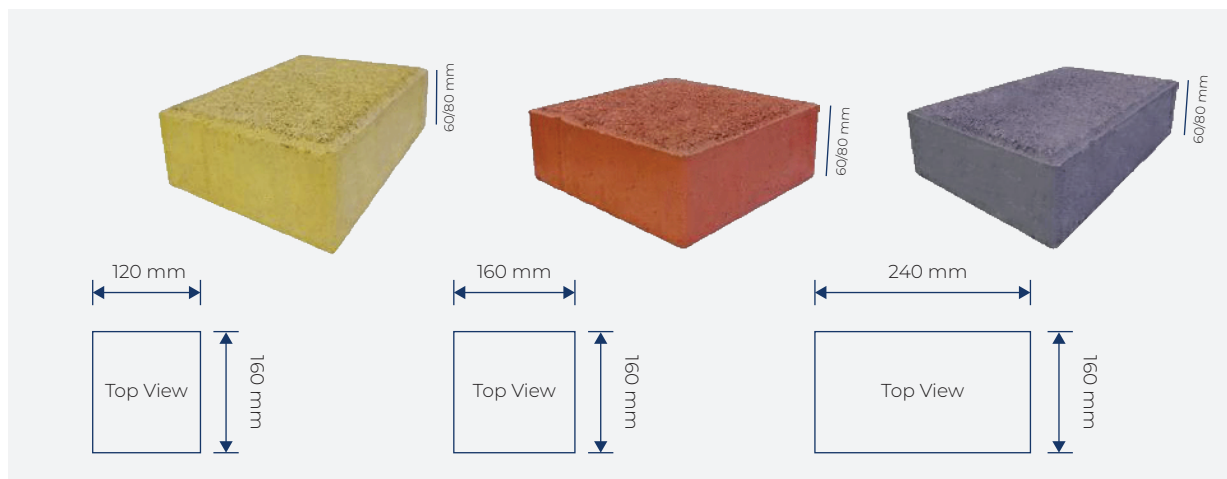


Actual stone colors may vary slightly from print colors

Available Colors:

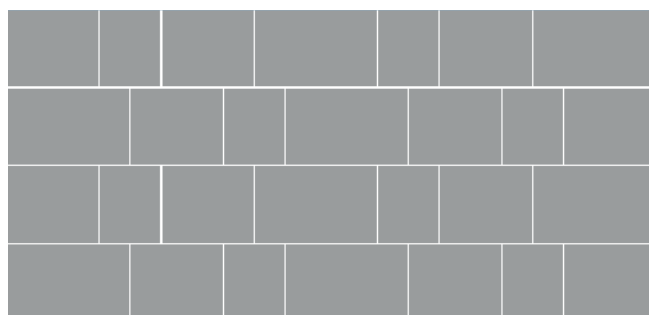


# Tegula



Technical Data						
Stone	Tegula					
Thickness of Stone-cm	6			8		
Stone Size (mm)	120x160	160x160	240x160	120x160	160x160	240x160
Weight / Stone (Kg)	2.5	2.5	5	3.5	4.5	7
Numbers of Stone/m <sup>2</sup>	37			37		
SqM / Layer	1.15			1.15		
Number of Layers/Bundle	12			9		
SqM / Bundle	13.8			10.35		
SqM / Trailer (24 bundles)	331.2			248.4		
SqM / Truck (12 bundles)	165.6			124.2		

## Pavers Combination



Actual stone colors may vary slightly from print colors

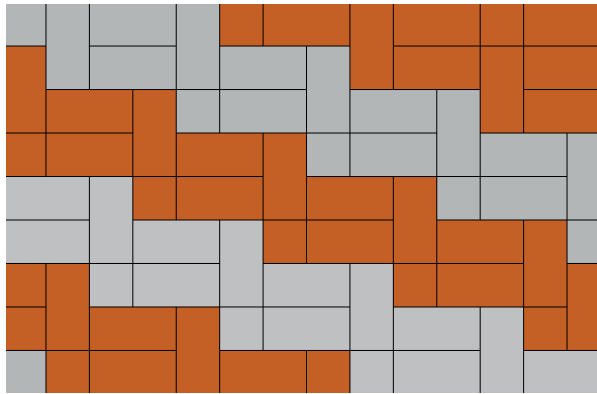
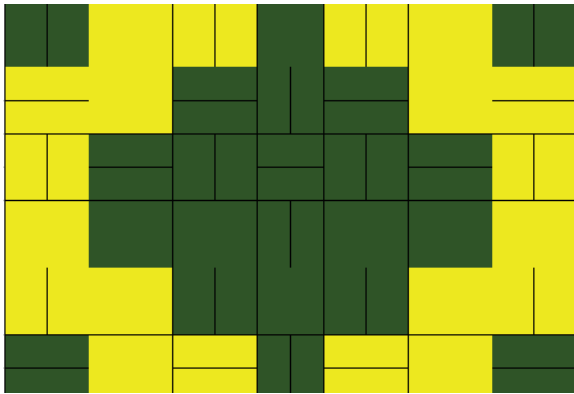
Available Colors:



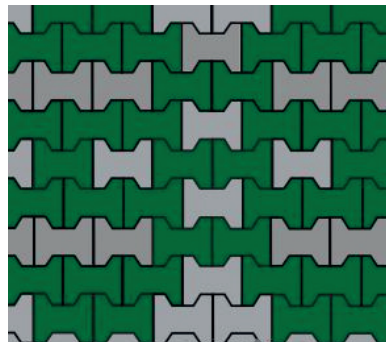
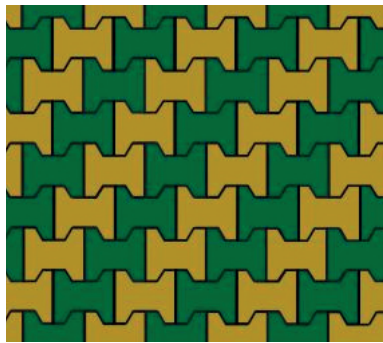
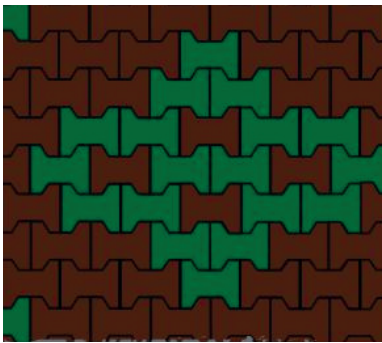


# Pavers Designs

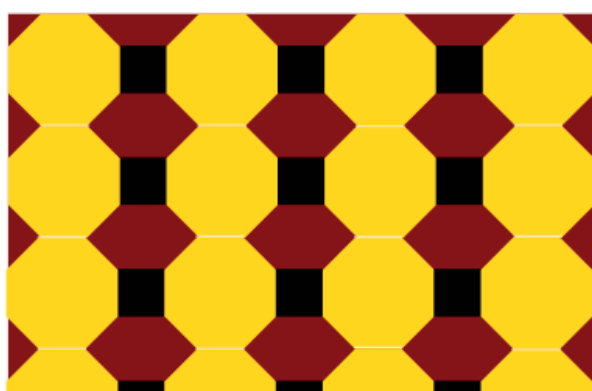
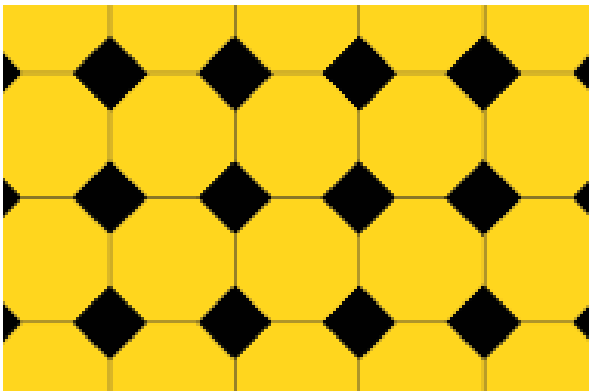
## Rectangular Pavers Combination



## Behaton Pavers Combination



## Quadro Pavers Combination



Actual stone colors may vary slightly from print colors

Available Colors:



Black



Red



Brown



Tan/  
Orange



Yellow



Green

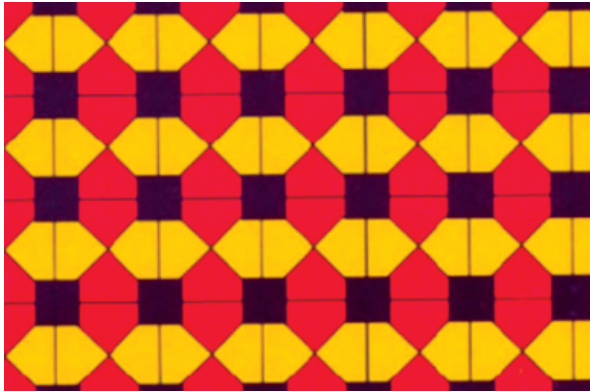


Grey

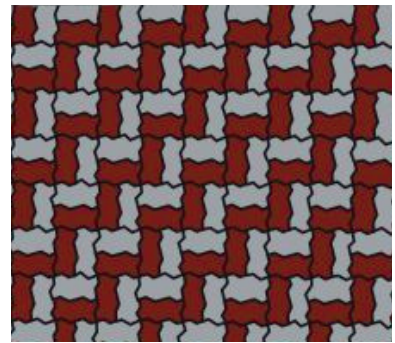
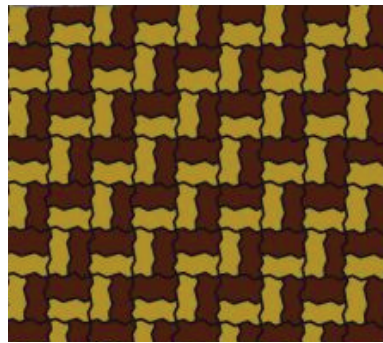
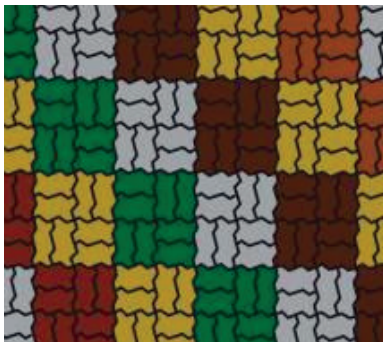


# Pavers Designs

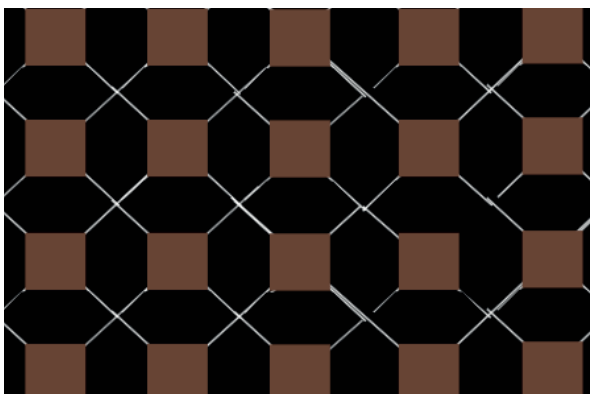
## La Plaza Pavers Combination



## Unishape Pavers Combination



## Monaco Pavers Combination



Actual stone colors may vary slightly from print colors

Available Colors:



Black



Red



Brown



Tan/  
Orange



Yellow



Green

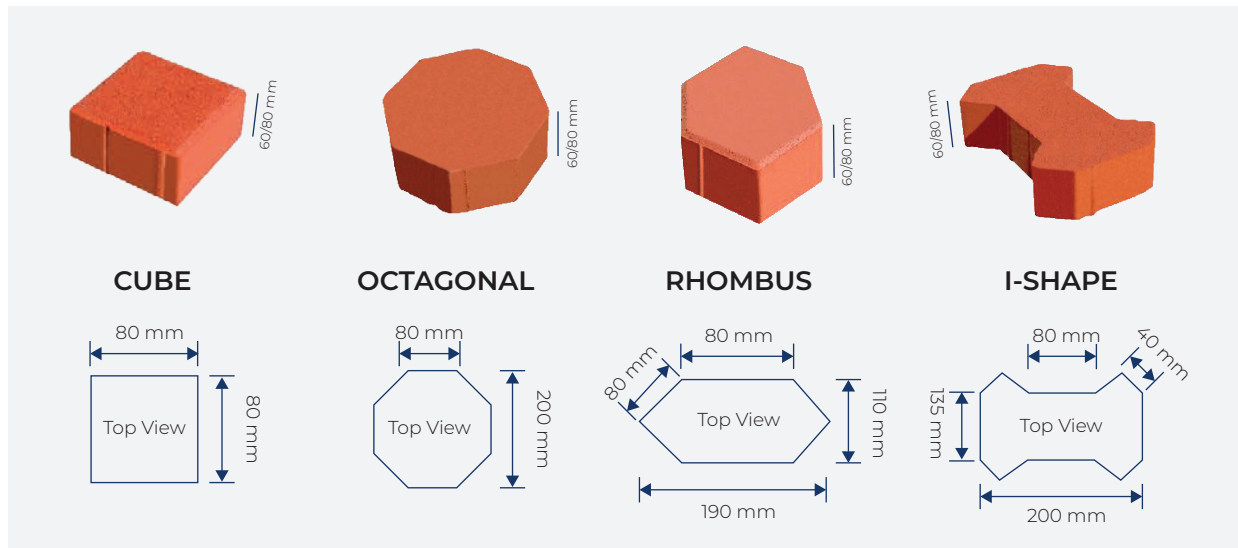


Grey



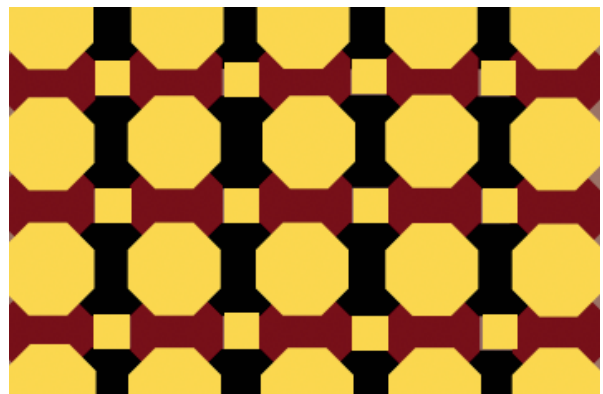


# Quadro



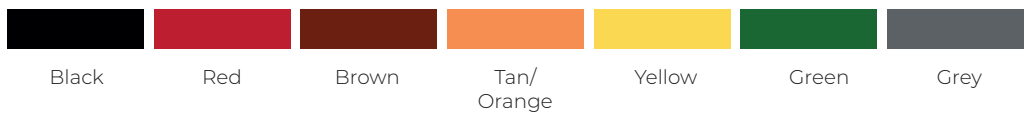
Technical Data								
Stone	Q Cube		Q Octagonal		Q Rhombus		Q I-Shape	
Thickness of Stone-cm	6	8	6	8	6	8	6	8
Numbers of Stone/m <sup>2</sup>	156	156	30	30	62	62	52	52
Weight / Stone (Kg)	0.8	1	4.5	6	2.2	2.9	2.6	3.5
SqM / Layer	0.83	0.83	0.99	0.99	0.94	0.94	0.92	0.92
Number of Layers/Bundle	10	10	12	9	12	9	12	9
SqM / Bundle	8.32	8.32	11.88	8.91	11.28	8.46	11.04	8.28
SqM / Trailer (24 bundles)	199.68	199.68	285.12	213.84	270.72	203.04	264.46	198.72

## Pavers Combination

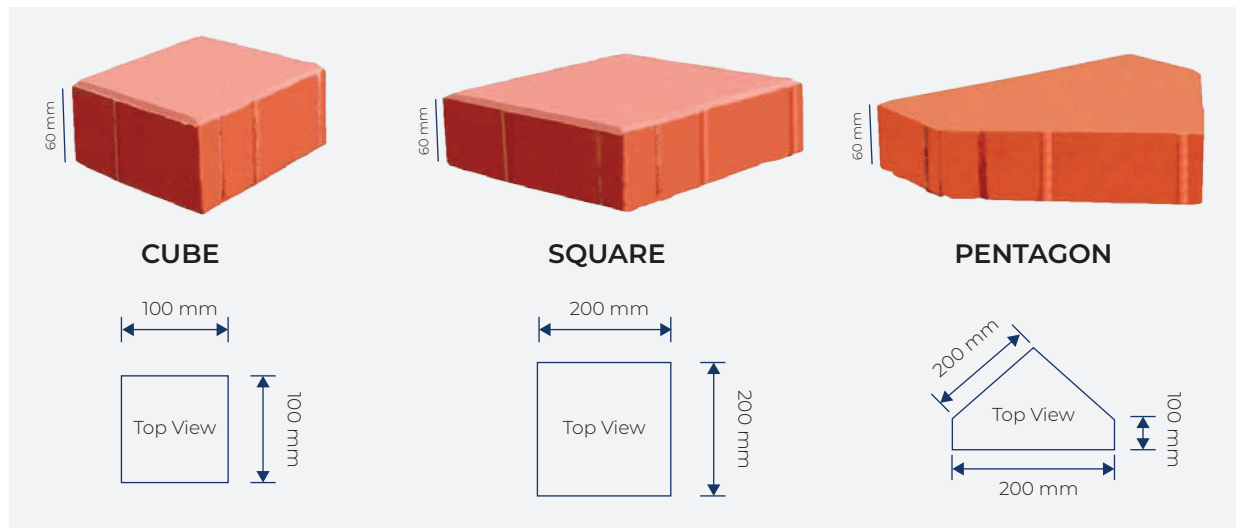


Actual stone colors may vary slightly from print colors

Available Colors:

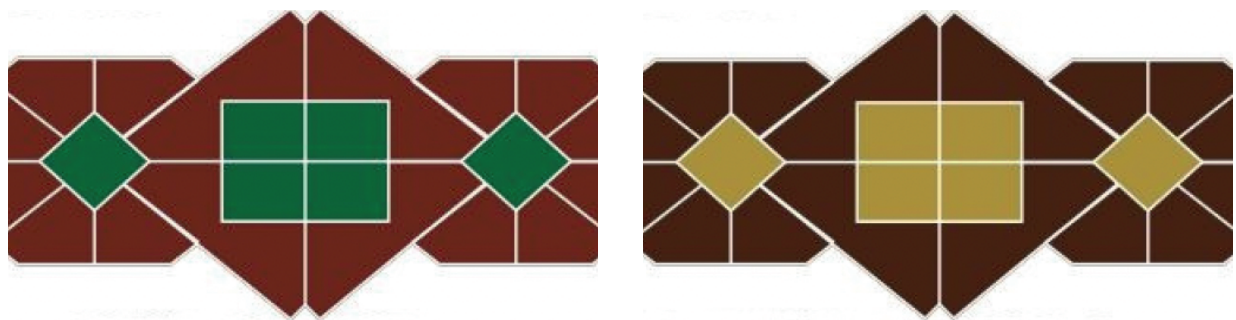


# La Plaza



Technical Data					
Stone	Cube	Square		Pentagon	
Thickness of Stone-cm	6	6	8	6	8
Numbers of Stone/m <sup>2</sup>	100	25	25	20	20
Weight / Stone (Kg)	1.2	4.5	6	4.4	5
SqM / Layer	1.21	1.44	1.44	1	1
Number of Layers/Bundle	13	12	8	15	11
SqM / Bundle	15.73	17.28	11.52	15	11
SqM / Trailer (24 bundles)	337.52	414.72	276.48	360	264
SqM / Truck (12 bundles)	188.76	207.36	138.24	180	132

## Pavers Combination



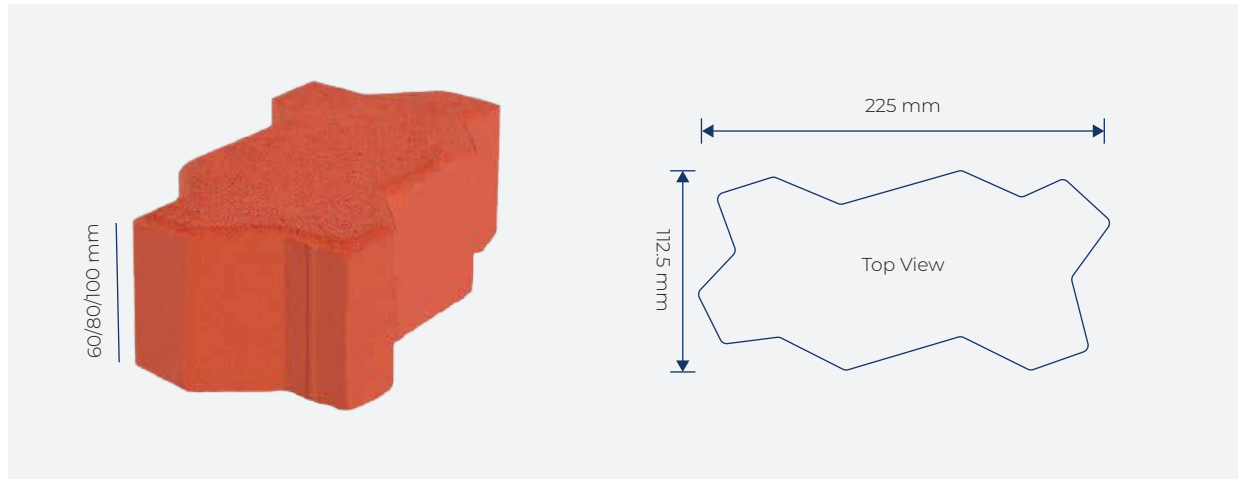
Actual stone colors may vary slightly from print colors

Available Colors:





# Unishape Pavers



Technical Data			
Stone	Unishape Pavers		
Thickness of Stone-cm	6	8	10
Numbers of Stone/m2	39	39	39
Weight / Stone (Kg)	3.5	4.5	5.7
SqM / Layer	1.026	1.026	1.026
Number of Layers/Bundle	12	9	8
SqM / Bundle	12.31	9.23	8.21
SqM / Trailer (24 bundles)	295.44	221.52	197.04

## Pavers Combination



Actual stone colors may vary slightly from print colors

Available Colors:



Black



Red



Brown



Tan/  
Orange



Yellow



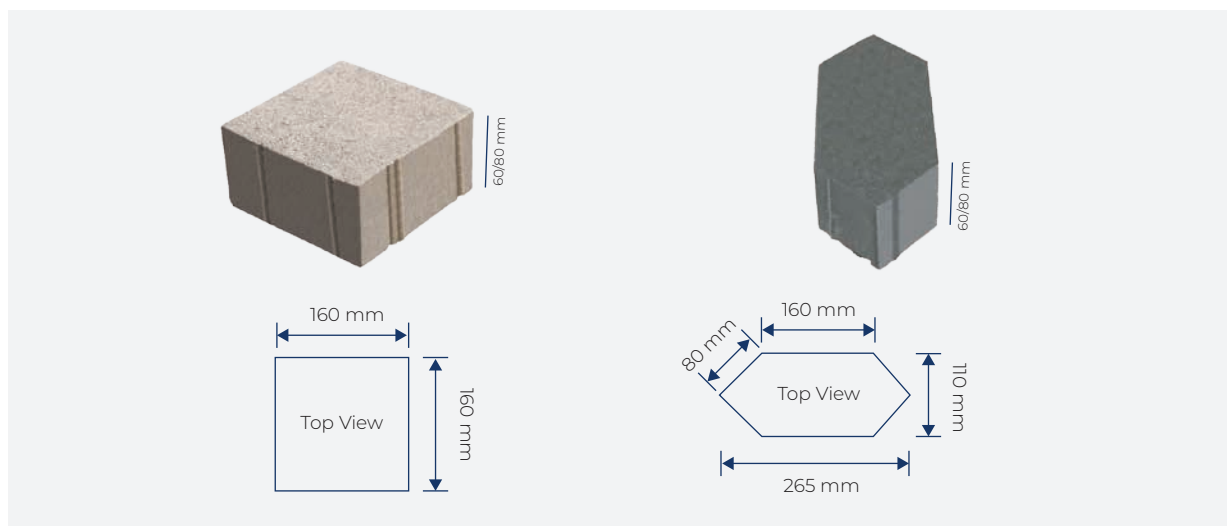
Green



Grey



# Monaco



Technical Data				
Stone	Square 16X16		Rhombus	
Thickness of Stone-cm	6	8	6	8
Numbers of Stone/m <sup>2</sup>	39	39	41	41
Weight / Stone (Kg)	3.5	4.6	3.4	4.4
SqM / Layer	1.26	1.26	1.18	1.18
Number of Layers/Bundle	12	10	12	10
SqM / Bundle	15.12	12.6	14.16	11.8
SqM / Trailer (24 bundles)	362.88	302.4	339.84	283.2
SqM / Truck (12 bundles)	181.44	151.2	169.92	141.6

## Pavers Combination



Actual stone colors may vary slightly from print colors

Available Colors:



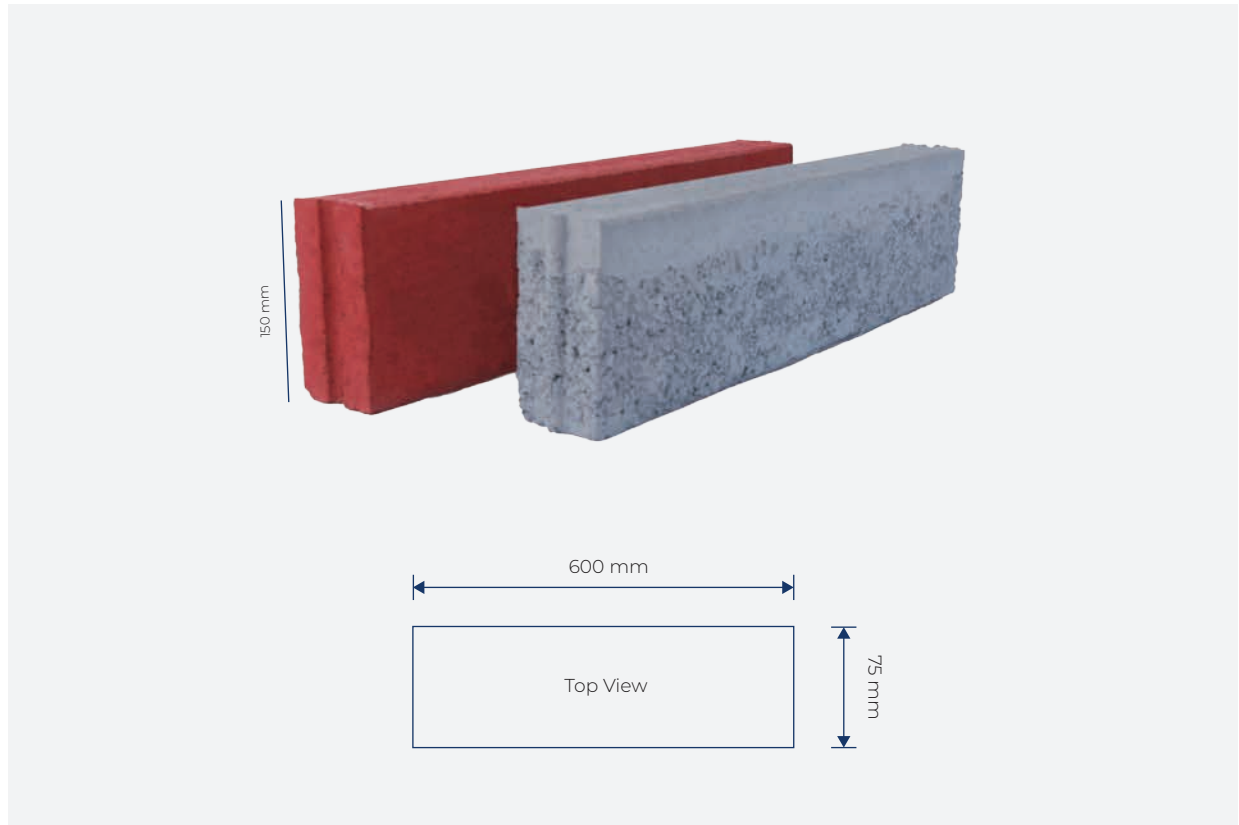




# KERB STONES



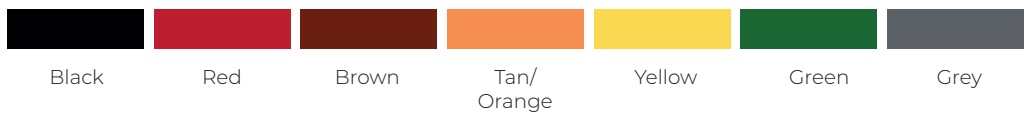
# Heel Kerb



Technical Data	
Stone Size (mm)	600 X 75 X150
Thickness of Stone-cm	7.5
Numbers of Stone/RM	2
Weight / Stone (Kg)	16.0
RM / Layer	13.2
Number of Layers / Bundle	6
RM / Bundle	79.2
RM / Trailer (18 bundles)	1425.6
RM / Trailer (10 bundles)	792

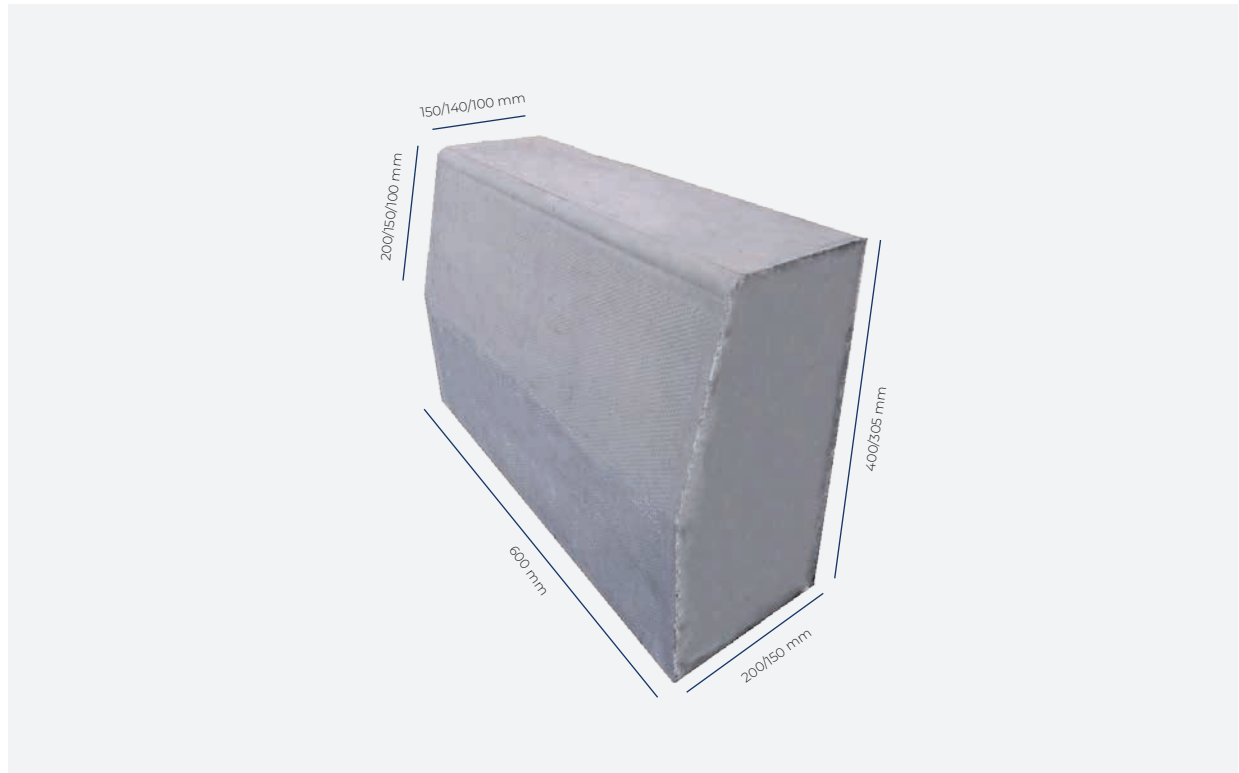
Actual stone colors may vary slightly from print colors

Available Colors:





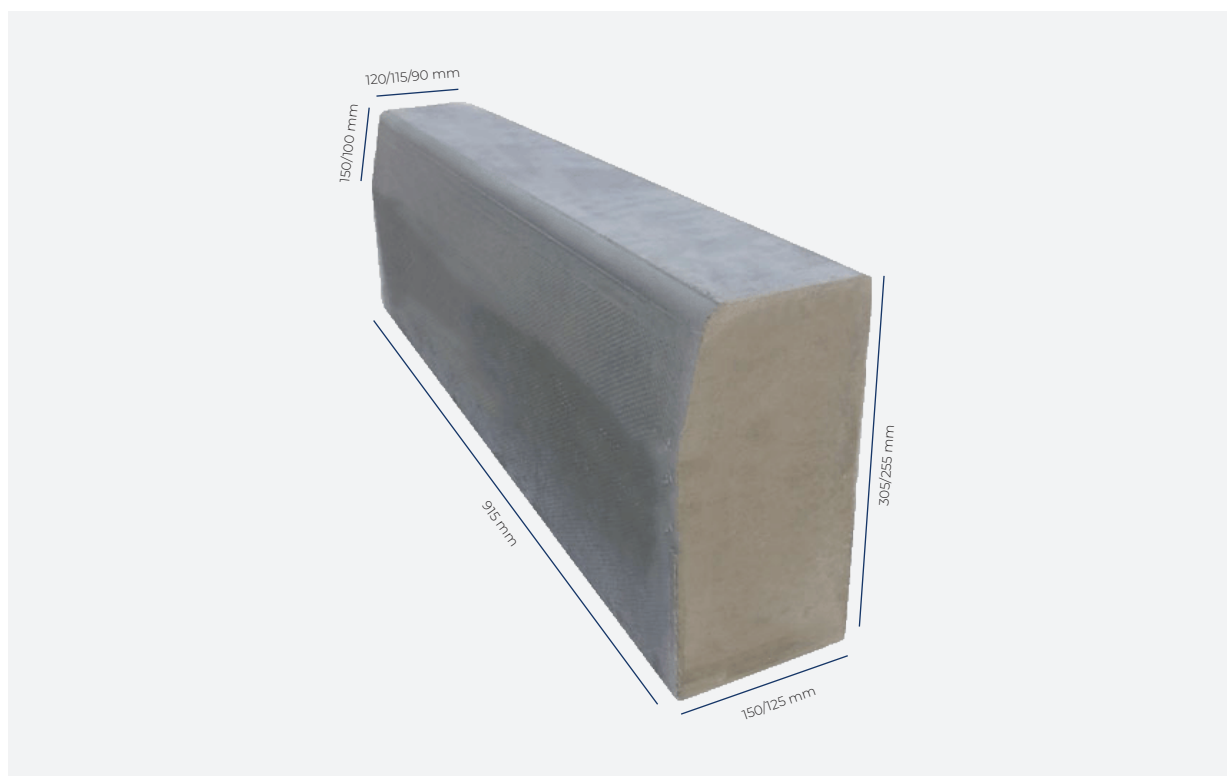
# Upstand Kerb



Technical Data						
Kerbstone	BUC-1-15	BUC-1-10	BUC-2-15	BUC-2-10	BUC-3-20	BUC-3-15
Length (mm)	600	600	600	600	600	600
Height (mm)	305	305	305	305	400	400
Bottom Width (mm)	200	200	150	150	200	200
Top Width (mm)	150	150	100	100	140	150
Chamfer (mm)	150	100	150	100	200	150
Weight / Piece (Kg)	86	88	63	65	102	114
RM / Layer	3.6	3.6	4.2	6.4	3.6	3.6
No. of Layer / Bundle	3	3	3	3	3	3
RM / Bundle	10.8	10.8	12.6	19.2	10.8	10.8
Pieces / Bundle	18	18	21	21	18	18



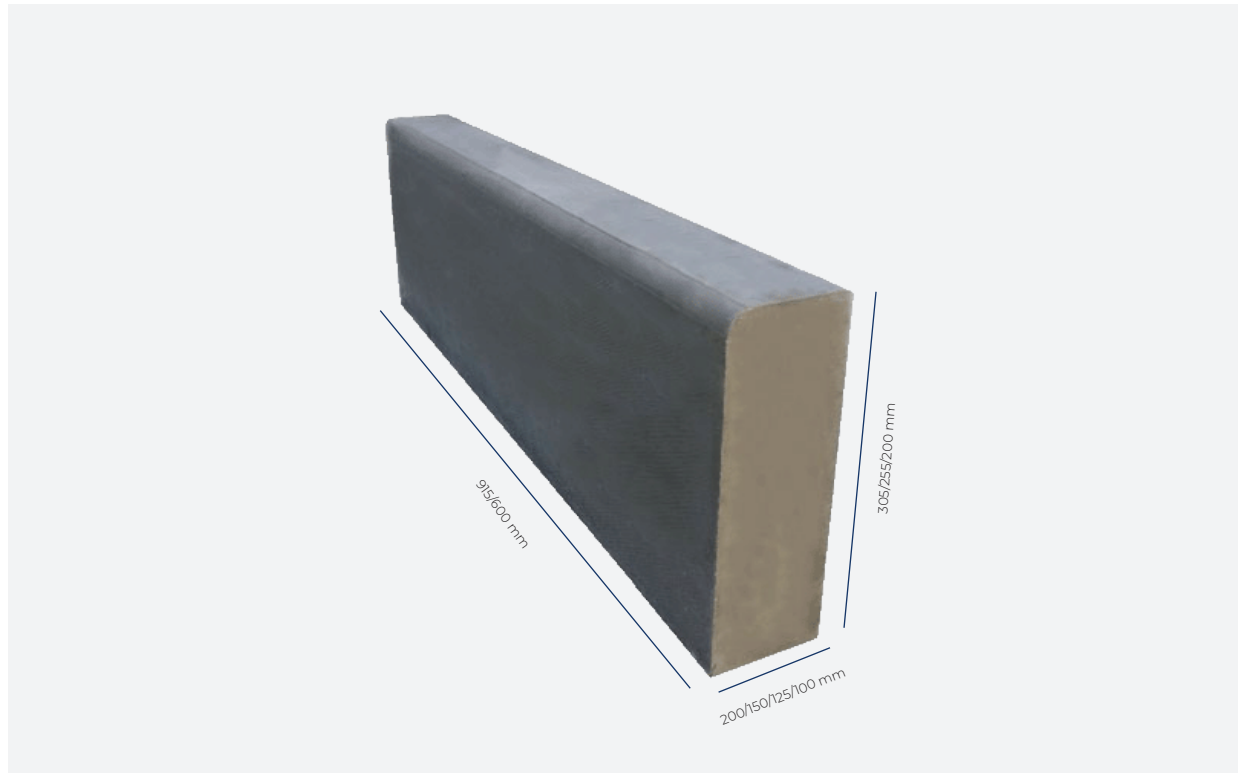
# Upstand Kerb



Technical Data					
Kerbstone	BUC-4-15	BUC-4-10	BUC-5-15	BUC-5-10	BUC-6-10
Length (mm)	915	915	915	915	915
Height (mm)	305	305	255	255	255
Bottom Width (mm)	150	150	150	150	125
Top Width (mm)	120	120	115	115	90
Chamfer (mm)	150	100	150	100	100
Weight / Piece (Kg)	97	100	81	83	65
RM / Layer	6.4	6.4	6.4	6.4	8.2
No. of Layer / Bundle	3	3	3	3	3
RM / Bundle	19.2	19.2	19.2	19.2	24.7
Pieces / Bundle	21	21	21	21	27



## Bullnose Kerb

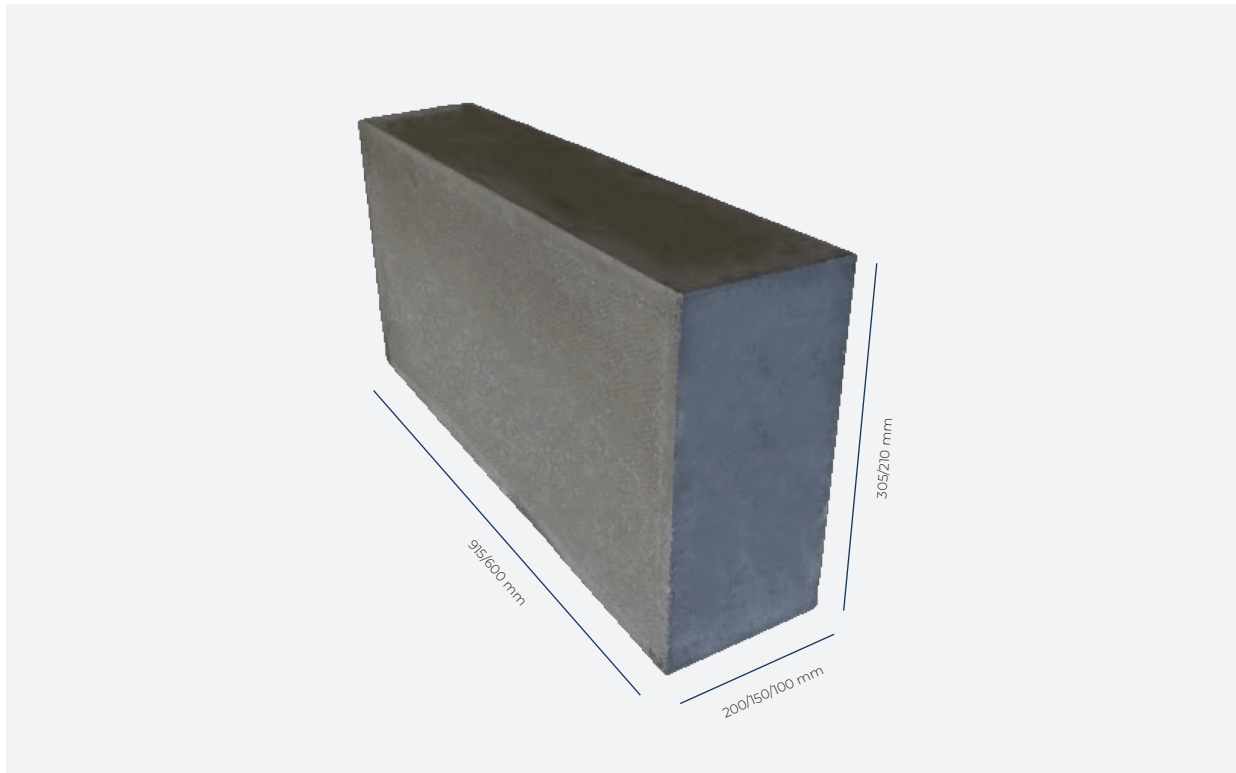


Technical Data							
Kerbstone	BUC-7	BUC-8	BUC-9	BUC-10	BUC-11	BUC-12	BUC-13
Length (mm)	915	915	915	915	600	600	600
Height (mm)	305	305	255	200	305	305	305
Width (mm)	150	100	125	100	200	150	100
Weight / Piece (Kg)	104	68	72	45	91	68	45
RM / Layer	6.4	9.15	8.2	9.15	3.6	4.2	6
No. of Layer / Bundle	3	3	3	3	3	3	3
RM / Bundle	19.2	27.5	24.7	27.5	108	12.6	18.0
Pieces / Bundle	21	30	27	30	18	21a	30





## Flush Kerb



Technical Data						
Kerbstone	BUC-14	BUC-15	BUC-16	BUC-17	BUC-18	BUC-19
Length (mm)	915	915	915	600	600	600
Height (mm)	305	305	210	305	305	305
Width (mm)	150	100	150	200	150	100
Weight / Piece (Kg)	104	68	72	90	68	45
RM / Layer	6.4	9.5	6.4	3.6	4.2	4.2
No. of Layer / Bundle	3	3	3	3	3	3
RM / Bundle	19.2	27.5	19.2	10.8	12.6	12.6
Pieces / Bundle	21	30	21	18	21	21



# Our fleet

Bucomac's Fleet consists of a large number of trucks and trailers to guarantee timely delivery to our customers. Our blocks can be safely handled by following basic working practices and by ensuring that health and safety guidelines are followed at all stages of the construction project.



Special attention should be paid to the block layer's working area to ensure safety at all times. The following points should be considered:

- Manual handling of blocks should be minimized, by ensuring that blocks are delivered as close to the working area as possible, within safety guidelines.
- Blocks should be moved in packs by mechanical means, where available.
- Blocks should be loaded out, above the knee height.
- The appropriate protective equipment should be provided and used at all times.
- Eye protection, and dust suppression or extraction measures, should be employed when mechanically cutting or chiselling.



# Our Clients

## Commitment to Excellence

Bucomac strives to provide our clients with the best products and services in the market. We deliver unsurpassed customer care, support, and assistance, is the driving force behind our success.



We understand that our future as a manufacturer of blocks and interlocks is ultimately linked to the success of our clients. All our resources, including our offices, factories, and network in the UAE, and the region, are always available to our clients' needs.







## Our Offices

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# BUCOMAC

Blocks & Interlocks

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