



# CONCRETE INTERLOCKING PAVERS

BA Contracts Pte Ltd  
Authorized Distributor & Installer

## Company Profile

BA Contracts Pte Ltd was established in 1996, specializing in interlocking pavers and clay pipes.

As product specialists, we provide the full range of services from product specification to supply and installation.

With our own in-house team of workers, we are able to ensure that our clients have a complete end-to-end solution.

Our project track record includes residential, commercial, industrial and educational projects for footpaths, driveways and carpark lots.

With a reputation for great service, we have also grown with our clients to provide export services for international projects.

### Qualifications and Memberships

- Bizsafe Level 3
- HDB approved material supplier
- Member of the Singapore Contractors Association Limited (SCAL)
- SLOT registered contractor





# UNIPAVE



	UP60	UP80	UP100
Dimensions	223x111mm		225x111mm
Thickness	60mm	80mm	100mm
Area Coverage	39.5 pc per m2		38.8 pc per m2
Weight	3.1kg per pc	4.2kg per pc	5.5kg per pc
Standard Colours	Grey, Red, Black		



# QUADPAVE

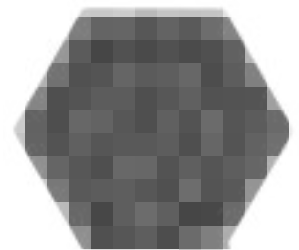


	QP60	QP80	QP100
Dimensions	198x98mm		
Thickness	60mm	80mm	100mm
Area Coverage	49.5 pc per m <sup>2</sup>		
Weight	2.45kg per pc	3.4kg per pc	4.35kg per pc
Standard Colours	Grey, Red, Black		

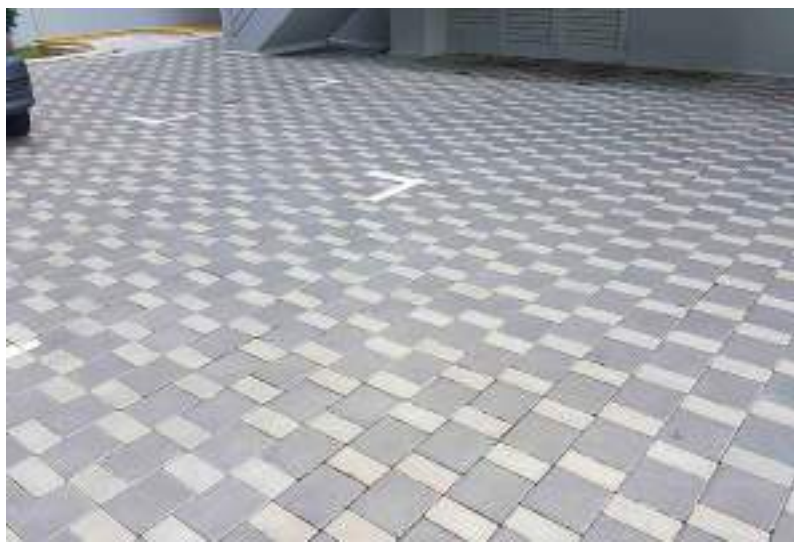




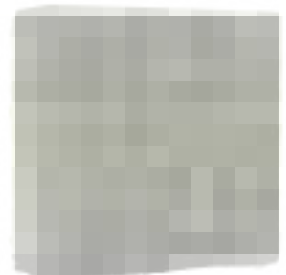
# HEXAPAVE



	HP80	HP100
Dimensions	225x197mm	
Thickness	80mm	100mm
Area Coverage	29 pc per m2	
Weight	5.8kg per pc	7.25kg per pc
Standard Colours	Grey, Red, Black	



# SQUAREPAVE



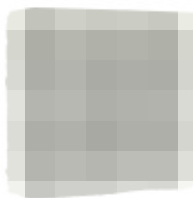
	SP60	SP80
Dimensions	200x200mm	
Thickness	60mm	80mm
Area Coverage	25 pc per m2	
Weight	6.0kg per pc	6.8kg per pc
Standard Colours	Grey, Red, Black	





# PAVING FLAGS

Paving flags are 60mm thick square and rectangular pavers used for pedestrian areas. Examples include town squares, footpaths, gardens and parks. These can be installed in a flexible pavement using the sand bedding method or in a fixed pavement using cement mortar.



## QUADPAVE 60 (QP60)

Dimensions: 198x98x60mm  
Coverage: 25pc per m<sup>2</sup>  
Weight: 6kg per pc

## SQUAREPAVE 60 (SP60)

Dimensions: 200x200x60mm  
Coverage: 25pc per m<sup>2</sup>  
Weight: 6kg per pc

## PAVING FLAG 24 (PF24)

Dimensions: 200x400x60mm  
Coverage: 12.5pc per m<sup>2</sup>  
Weight: 10.42 kg per pc

## PAVING FLAG 44 (PF44)

Dimensions: 400x400x60mm  
Coverage: 6.25pc per m<sup>2</sup>  
Weight: 22 kg per pc

## PAVING FLAG 46 (PF46)

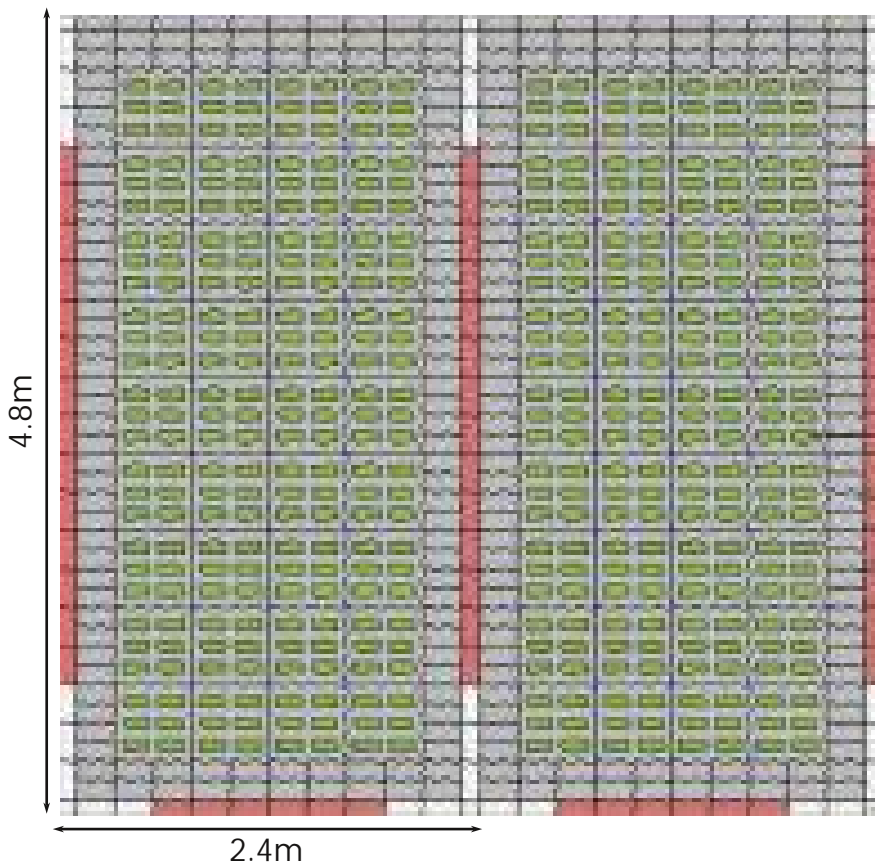
Dimensions: 400x600x60mm  
Coverage: 4.16pc per m<sup>2</sup>  
Weight: 33 kg per pc

## PAVING FLAG 66 (PF66)

Dimensions: 600x600x60mm  
Coverage: 2.78pc per m<sup>2</sup>  
Weight: 49 kg per pc



# CARPARK PAVERS



## SUPER UNI GRASSPAVE

Dimensions: 453x453x100mm

Coverage: 4.83pc per m<sup>2</sup>

Weight: 30.7kg per pc

## SUPER UNIPAVE

Dimensions: 225X111x100mm

Coverage: 38.8pc per m<sup>2</sup>

Weight: 5.5kg per pc

## SUPER UNIPAVE STARTER

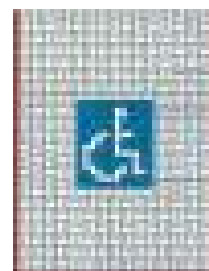
Dimensions: 225X111x100mm

Coverage: 38.8pc per m<sup>2</sup>

Weight: 5.5kg per pc

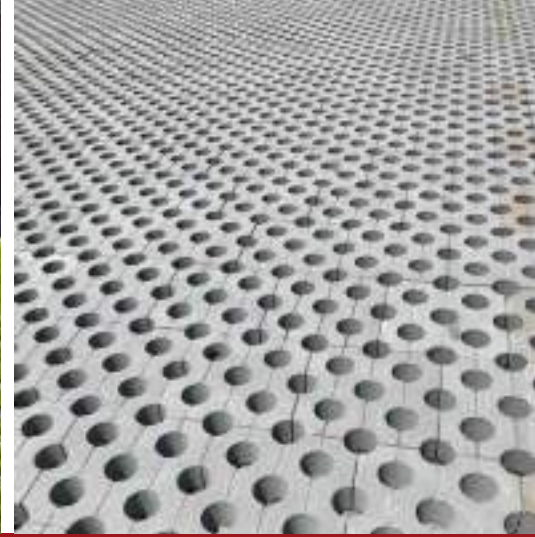


Line Colours  
Standard: Red, Grey & Black  
Special Colours: White, Yellow & Blue

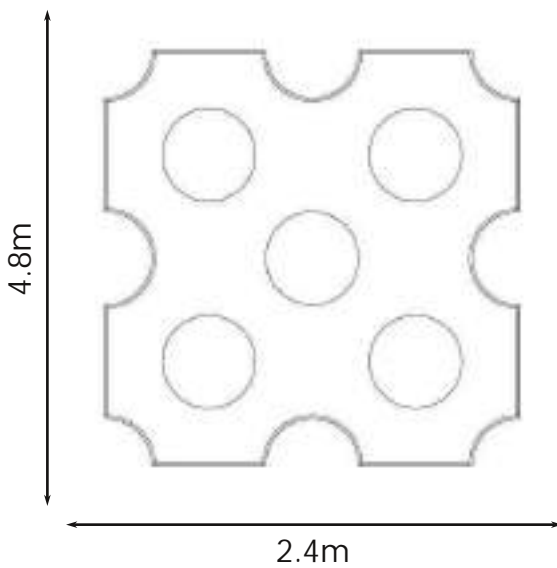


Blue and white  
colour  
available for  
handicapped  
lots only





# ROUND GRASSPAVE



	RGP100
Dimensions	400X400mm
Thickness	100mm
Area Coverage	6.25 pc per m <sup>2</sup>
Weight	23.6 kg per pc
Standard Colours	Grey only

## CALCULATION OF VOID

Total Area per pc = 0.16m<sup>2</sup>  
 Hatched Area = 0.103948m<sup>2</sup>  
 Void Area = 0.056052m<sup>2</sup>  
 Percentage = 35.03%

## TRANVERSE STRENGTH (SS214:1999)

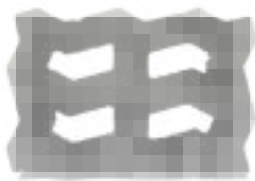
Test report shows maximum failing load of 23.4kN.

HDB Requirement: 19kN

SCDF Requirement: Live load surcharge for accessway may be assumed to be at least 10kN/m<sup>2</sup>.



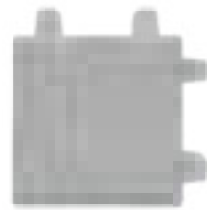
## UNI GRASSPAVE



UGP80

	UGP80
Dimensions	336x223mm
Thickness	80mm
Area Coverage	13.2 pc per m2
Weight	8.8kg per pc
Standard Colours	Grey only

## SQUARE GRASSPAVE



SGP80

	SGP80
Dimensions	200X200mm
Thickness	80mm
Area Coverage	25 pc per m2
Weight	5.24kg per pc
Standard Colours	Grey only



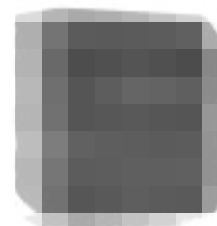


## FLEXIPAVE PLUS



	FPP80
Dimensions	300X150mm
Thickness	80mm
Area Coverage	22.2 pc per m2
Weight	7.8kg per pc
Standard Colours	Grey, Red, Black

## GEOPAVE



	GP60	GP80
Dimensions	200X200mm	
Thickness	60mm	80mm
Area Coverage	25 pc per m2	
Weight	4.9kg per pc	6.5kg per pc
Std colours	Grey, Red, Black	



# M2 PAVERS\*



	M2-60	M2-80
Dimensions	120X160mm/160x160mm/240x160mm	
Thickness	60mm	80mm
Area Coverage	12 sets per m2	
Weight	10.1kg per set	13kg per set
Std colours	Grey, Red, Black	

\*Only sold in full sets of 3 sizes in the same colour.





## UNI-ESPAVE



UES60

	UES60
Dimensions	220x190mm
Thickness	60mm
Area Coverage	34.7 pc per m2
Weight	3.5kg per pc
Standard Colours	Grey, Red, Black

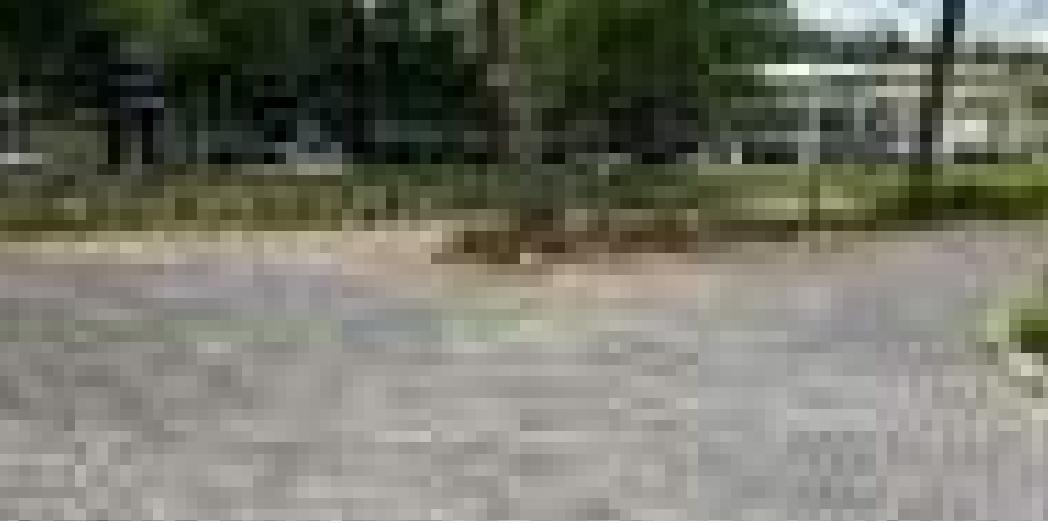
## DESERT FERN



DF60

DF80

	DF60	DF80
Dimensions	210x136mm	
Thickness	60mm	80mm
Area	35 pc per m2	
Weight	3.65kg per pc	4.7kg per pc
Std colours	Grey, Red, Black	



## COBBLEPAVE 1.0



CP1.0

Dimensions	100X100
Thickness	100mm
Area Coverage	Varies*
Weight	2.2kg per pc
Standard Colours	Grey only

\* For grout size of 15mm, approx. 75.6pc per m2

\* For grout size of 20mm, approx 69.4pc per m2

## COBBLEPAVE 2.0



CP2.0

Dimensions	125x125mm
Thickness	80mm
Area Coverage	64 pc per m2
Weight	2.4kg per pc
Standard Colours	Grey, Red and Black



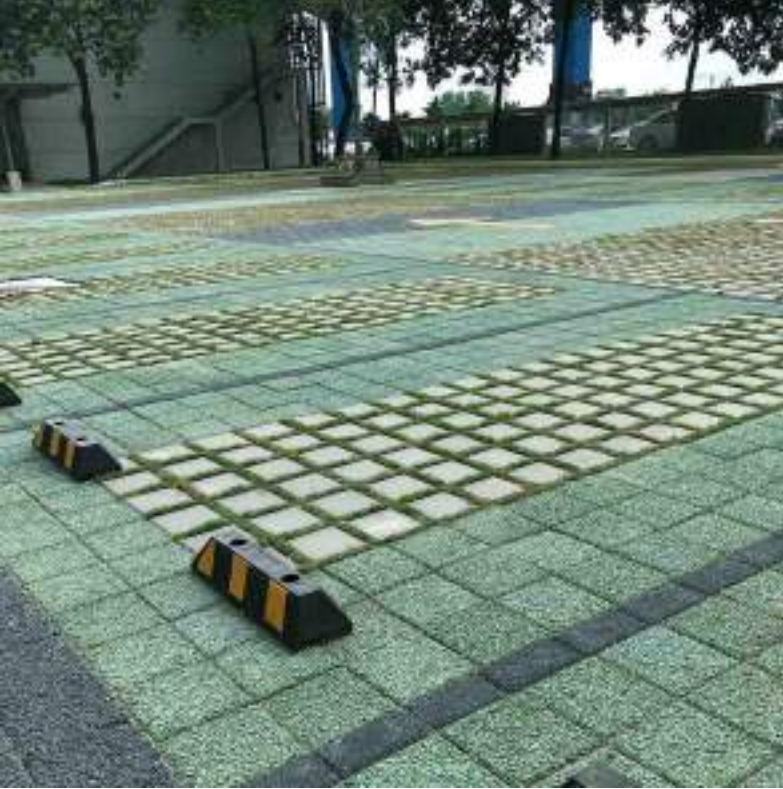


# WOOD PAVERS



	WP60
Dimensions	200x400mm
Thickness	60mm
Area Coverage	12.5 pc per m2
Weight	10.42kg per pc
Standard Colours	Grey, Red, Black

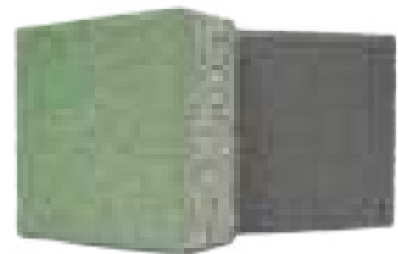




# NEUPAVE PERMEABLE PAVING

Through a different manufacturing process, the standard pavers can be made permeable.

The paving surface thus captures precipitation and surface runoff, storing it in the reservoir while slowly allowing it to infiltrate into the soil below or discharge via a drain tile.



## FINISHES



Fine



Rough

## INFILTRATION RATE

Fine: >150L/min/m<sup>2</sup>

Rough: >300L/min/m<sup>2</sup>

ASTM C1781-15 Testing of surface infiltration rate.(>97.5%)

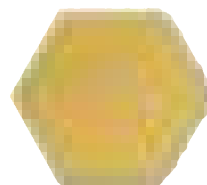




## REFLECTIVE PAVING (R-SERIES)

By integrating glass beads into the surface of the pavers, the reflectivity of the pavers is improved for greater visibility at night.

It is available in all profiles and used for road marking and demarcation.



### COLOURS



Yellow



White

### SOLAR REFLECTIVE INDEX FOR NORMAL PAVERS

Solar Reflection: 36.7%

Thermal Emittance: 0.93

Solar Reflectance Index: Average of 36.7

# GRASSCELL

Grasscell is a lightweight plastic grid structure specially designed to stabilise and support turf, grass or decorative gravel.

Grasscell supports US LEED™ Credits: SS6.1, SS6.2, SS7.1, SS5.1 and MR4.1.

Positioned under a grass landscape, Grasscell distributes loads from pedestrian and vehicular traffic to the base course below, minimising grass and root compaction. The interconnected cells allow roots to develop with minimal restriction, resulting in a durable and stable grass surface.

## APPLICATIONS

- Emergency and firelane access
- Vehicle parking lots for commercial developments, homes, sports complexes, festival grounds, churches and more
- Golf cart paths
- Street shoulder parking
- Racetrack infield and pit areas
- Drainage channels
- Slope stabilisation and erosion control

Grasscell is US ADA compliant and 100% permeable.

## SPECIFICATIONS

Dimensions: 500x500x40mm

Material: 100% recycled polypropylene

Colour: Black

Compressive Strength

- Unfilled >200t/m<sup>2</sup>

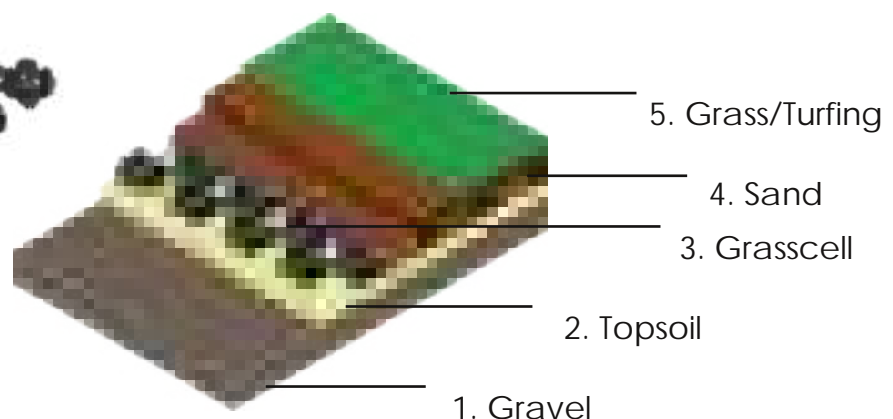
- Sand filled >2000t/m<sup>2</sup>

Weight: approx. 4.3kg/m<sup>2</sup>

Biological/Chemical Resistance:

Unaffected by mould and algae.  
Resistant to oils, acids, alkalis and bitumen

Service Temperature: -30 to 120 deg Celcius





# TECHNICAL SPECS

## SPECIFICATIONS\*

THICKNESS	STRENGTH	APPLICATION	TOLERANCE
60MM	35MPa	Pedestrian Traffic i.e. Footpath, Bicycle Track, Jogging Track, Park & Garden Landscape, Pool Deck, Patio etc.	Thickness ±3mm  Dimension ±2mm
80MM	45MPa	Vehicular Traffic i.e. Driveway, Drop-off area, Warehouse and Industrial Area, Temporary Access, Backlane, Feeder Road, Internal Road etc.	
100MM	45MPa	Heavy Duty Traffic i.e. Inland and Maritime Ports, Fire Engine Access etc.	

\*MS1380:1995 / BS6717:1993 / BS EN 1338:2003 standards  
(Specification for Precast Concrete Paving Blocks)

## COLOURS

### STANDARD



Red



Grey



Black

### SPECIAL



Peach



Green



Brown



White



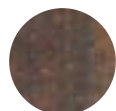
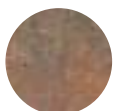
Yellow



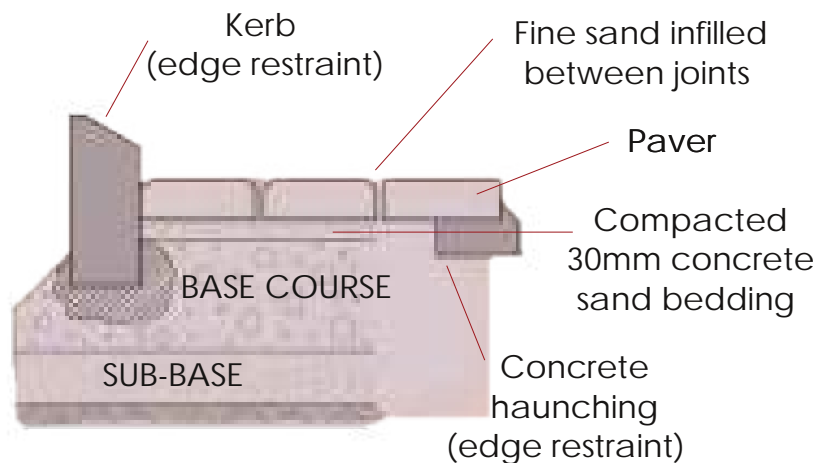
Blue



Antique (mixed shades)



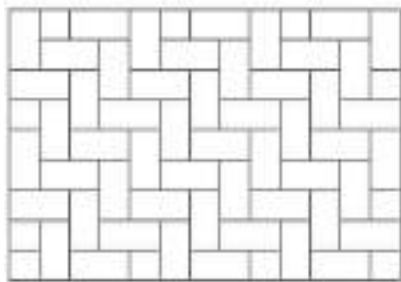
## TYPICAL INSTALLATION CROSS SECTION



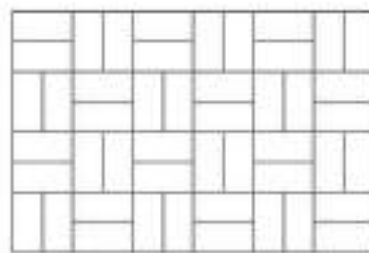
## EFFLORESCENCE

This superficial phenomenon is commonly found in most concrete-based or cementitious products. It typically fades over a few months, up to a maximum of two years.

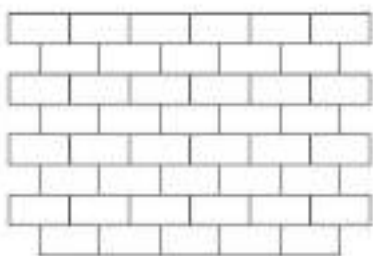
## TYPICAL PAVING PATTERNS



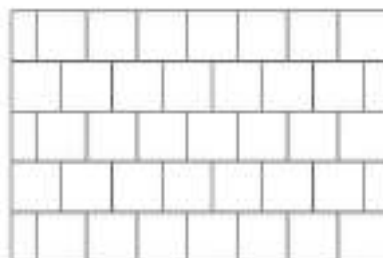
Herringbone



Basketweave



Brick



Block

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