

NEWSTONE GROUP

PRODUCT CATALOGUE



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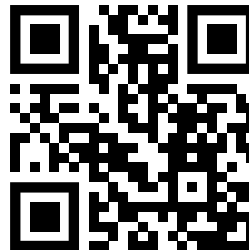
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Check website for the most up-to-date information

NEWSTONEGROUP.CA



DENSE IQ™

TECHNOLOGY

Maximum Density. Superior Durability.

STRENGTH AND DURABILITY:

Our two-layer manufacturing process combines a high-density top layer (made with fine aggregates) that delivers exceptional surface density, colour vibrancy, and durability. This is supported by a bottom layer containing larger aggregates, which creates a strong structural foundation.

This composition ensures superior performance and longevity (even through repeated freeze-thaw cycles) and achieves a compressive strength of 10,000 psi, far surpassing industry standards for enhanced strength and long-term durability.



COLOUR AND TEXTURE DEFINITION:

The high-density top layer in a smooth or textured finish offers design versatility without compromising performance. It resists de-icing salts, freeze-thaw cycles, and weathering elements, while maintaining its colour and surface integrity in even the harshest conditions.

Premium Series Pavers



6"x12" Premium Series Pavers - Colour: Eclipse, Cosmic and Galaxy

The Premium Series Pavers feature high-quality aggregates on the surface with a shot-blasted finish. This creates a distinctive appearance while ensuring durability, longevity, and resistance to wear from environmental elements such as de-icing. They are also easier to clean and well-suited for both residential and commercial use.



INDIVIDUAL SIZES:



Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
6" x 12" x 2-3/8" 151mm x 304mm x 60mm		2	108	1361kg / 3000lbs	216
12" x 12" x 2-3/8" 304mm x 304mm x 60mm		1	108	1406kg / 3100lbs	108

All sizes including 3 mm Spacer Bars

RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking



Eclipse



Cosmic



Galaxy

Coastal Slate 3-Piece Combo



Project by Creative Edge Landscaping

Coastal Slate 3-Piece Combo - Colour: Espresso

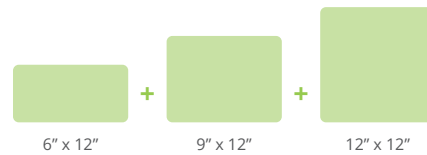
Intended to be installed in a truly random pattern this concrete paving stone features the texture of natural sandstone.

TRULY RANDOM PATTERN

The Coastal Slate has an uneven number of pieces of each size on the pallet, allowing you to construct a truly random pattern that emphasizes your own personal style.



COMBO MOLD 3-PIECE:



Size (in)		Type	Sqft / Pal	Shipping Weight	Pcs / Pal
6" x 12" x 2-3/8" 151mm x 304mm x 60mm		C			54
9" x 12" x 2-3/8" 228mm x 304mm x 60mm		E	108	1361kg / 3000lbs	36
12" x 12" x 2-3/8" 304mm x 304mm x 60mm		F			54

All sizes including 3 mm Spacer Bars



When installing pavers with raised surfaces it is strongly recommended to use a compactor with a rubber pad to prevent burnishing the raised surface.

RECOMMENDED APPLICATIONS



Patios



Walkways



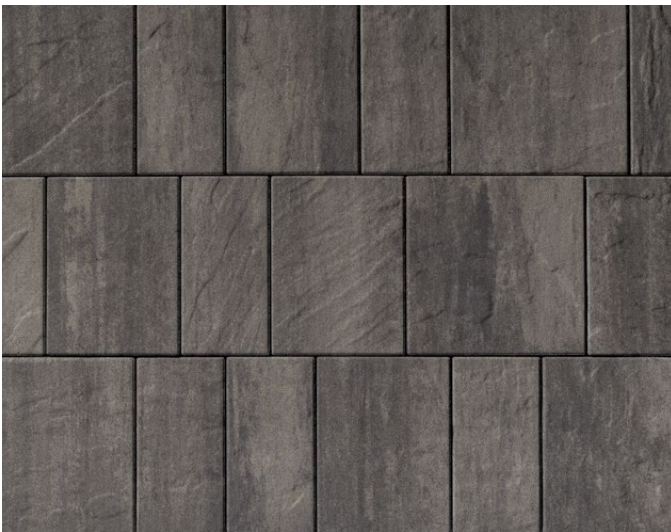
Residential Driveway/Parking

COMBO MOLD PALLET LAYOUT

Image below show the paver configuration on the pallet.

3-Piece

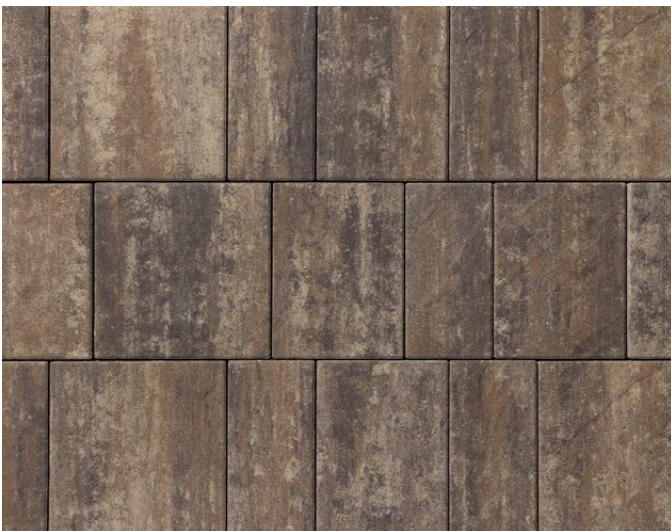
F	F	F	F		
E	E	C	C	E	E
F	C	C	C	C	F



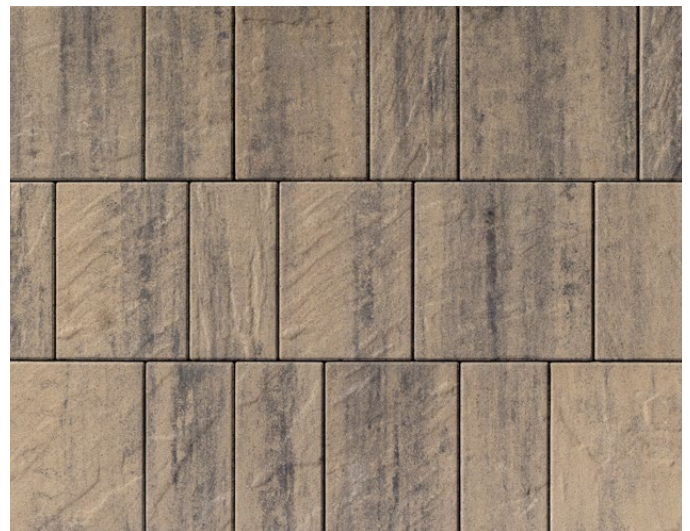
Winter Sky



Glacier



Espresso



Birchwood

Dorado



Project by Benjamin Landscaping & Projects

6"x12", 12"x12" Dorado - Colour: Glacier

Dorado offers multiple sizes to allow endless colour and pattern variations.



INDIVIDUAL SIZES:



Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
6" x 6" x 2-3/8" 151mm x 151mm x 60mm		4	108	1361kg / 3000lbs	432
6" x 9" x 2-3/8" 151mm x 228mm x 60mm		2.67	101.25	1361kg / 3000lbs	270
6" x 12" x 2-3/8" 151mm x 304mm x 60mm		2	108	1361kg / 3000lbs	216
12" x 12" x 2-3/8" 304mm x 304mm x 60mm		1	108	1406kg / 3100lbs	108

All sizes including 3 mm Spacer Bars

RECOMMENDED APPLICATIONS



Patios



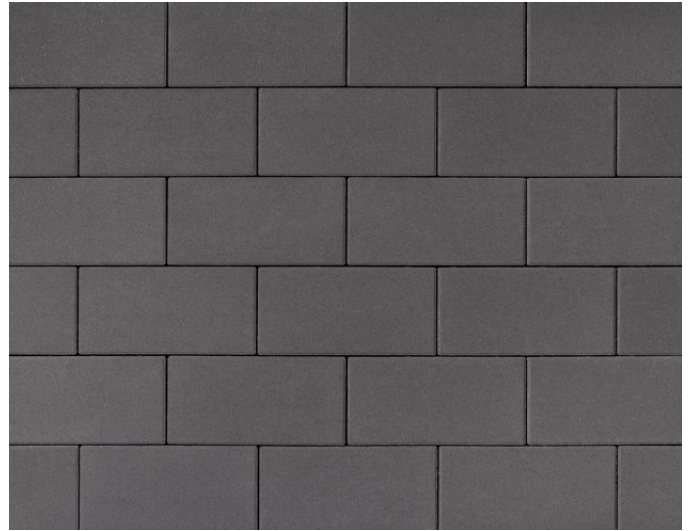
Walkways



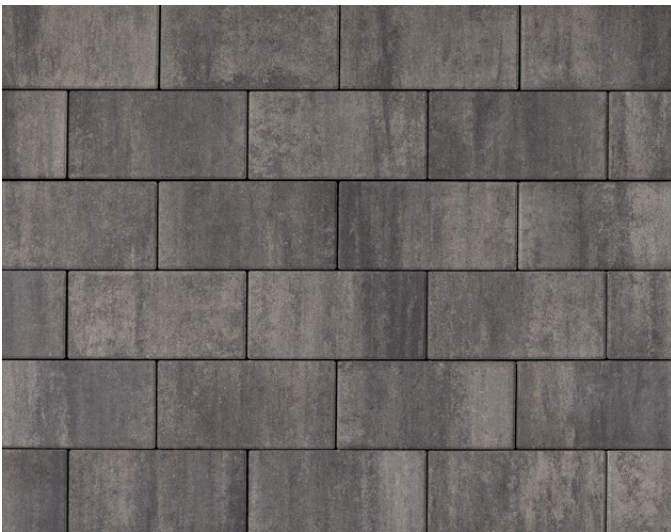
Residential Driveway/Parking



Natural



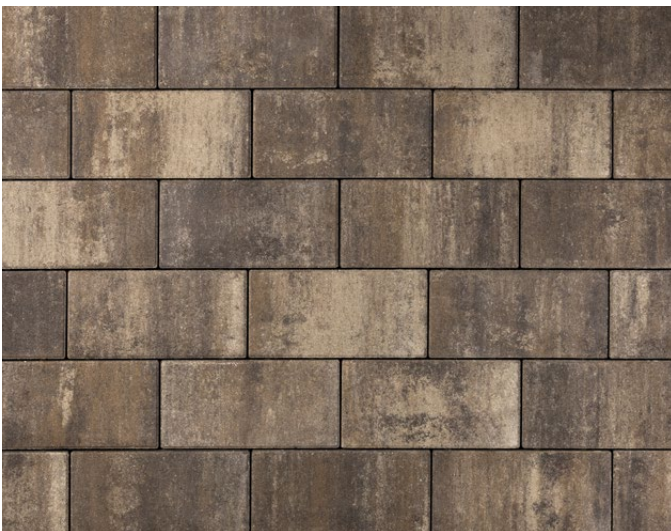
Charcoal



Winter Sky



Glacier

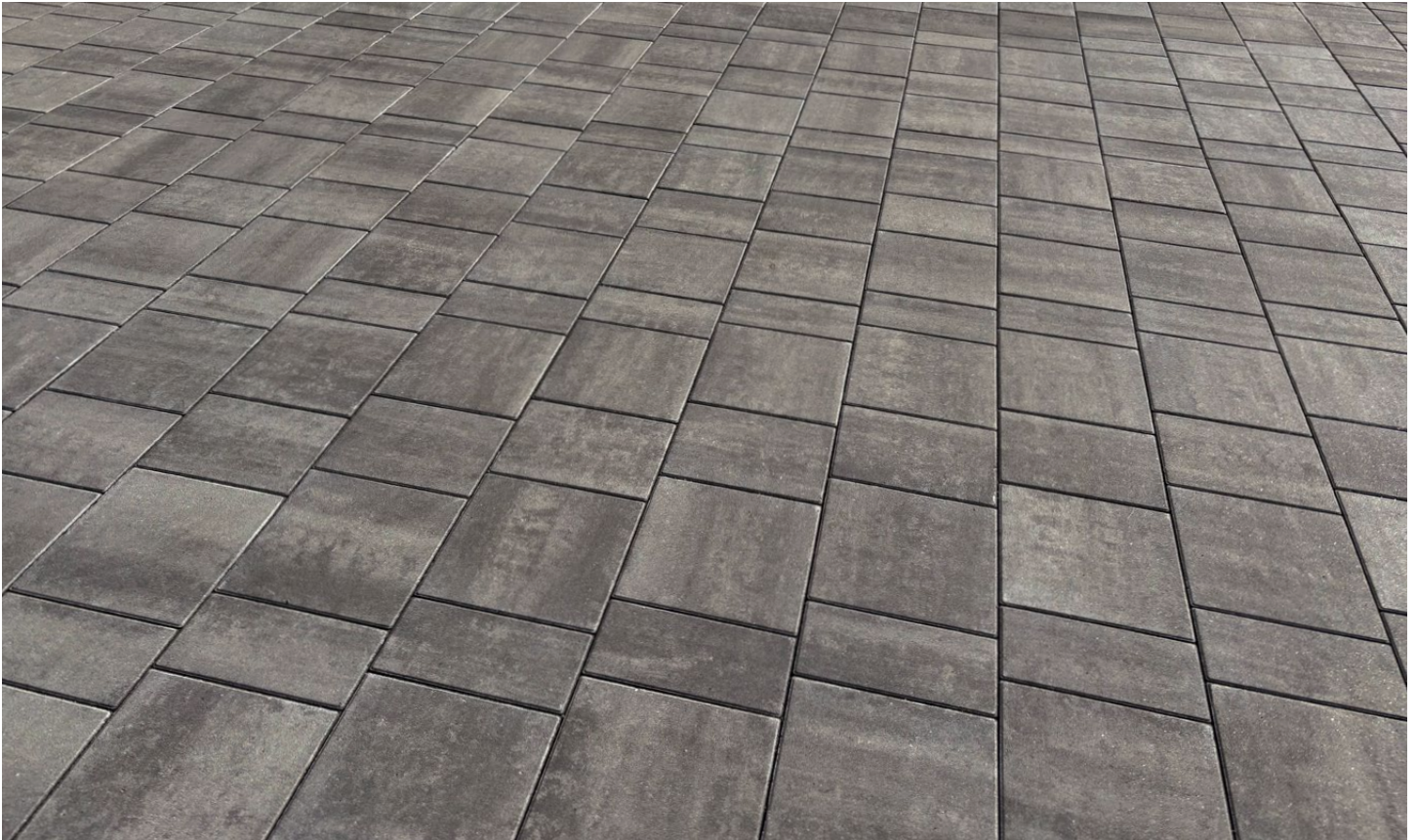


Espresso



Travertine

Dorado 3-Piece Combo

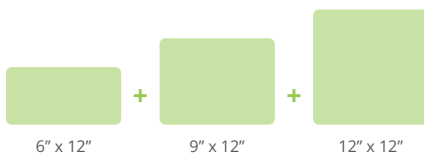


Project by Express Landscaping

Dorado 3-Piece Combo - Colour: Winter Sky

The 3-piece combo gives you the same layout as our popular Coastal Slate but with a flat surface instead of the riven face of the Coastal Slate.

COMBO MOLD 3-PIECE:



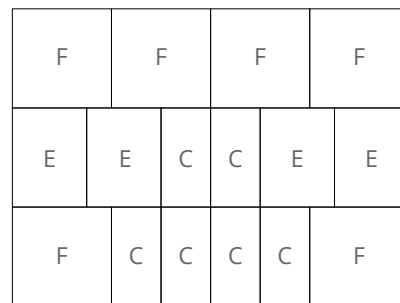
Size (in)		Type	Sqft / Pal	Shipping Weight	Pcs / Pal
6" x 12" x 2-3/8" 151mm x 304mm x 60mm		C	108	1361kg / 3000lbs	54
9" x 12" x 2-3/8" 228mm x 304mm x 60mm		E			36
12" x 12" x 2-3/8" 304mm x 304mm x 60mm		F			54

All sizes including 3 mm Spacer Bars

COMBO MOLD PALLET LAYOUT

Images below show the paver configuration on the pallet.

3-Piece



RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking



Natural



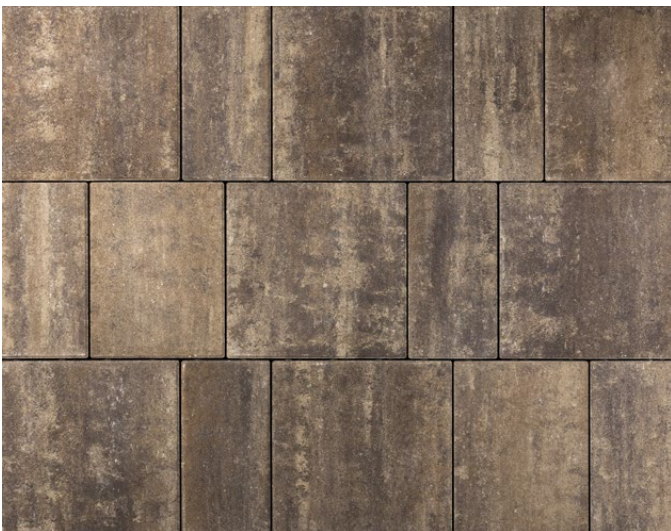
Charcoal



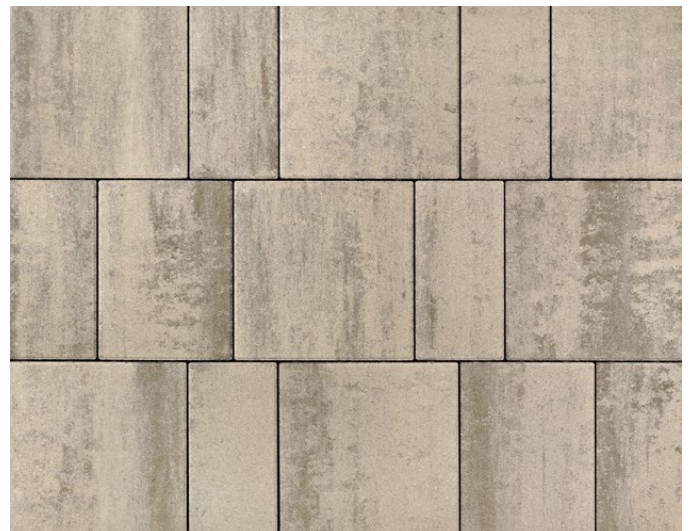
Winter Sky



Glacier



Espresso



Travertine

Dorado XL



Project by Advanced Euro Paving

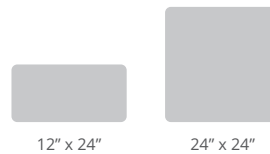
12"x24" Dorado XL - Colour: Charcoal

DORADO XL SLABS

Extra large size Dorado slabs allows endless colour and pattern variations for your driveway.



INDIVIDUAL SIZES:



12" x 24"

24" x 24"

Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
12" x 24" x 3-1/8" 304mm x 606mm x 80mm		0.5	56	975kg / 2150lbs	28
24" x 24" x 3-1/8" 606mm x 606mm x 80mm		0.25	56	975kg / 2150lbs	14

All sizes including 3 mm Spacer Bars

RECOMMENDED APPLICATIONS



Patios



Walkways



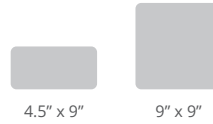
Residential Driveway/Parking

DORADO XL COMMERCIAL PAVER

Commercial paver designed for vehicular traffic areas



INDIVIDUAL SIZES:



Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
4.5" x 9" x 3-1/8" 113mm x 228mm x 80mm	DENSE IQ FACE MIX TECHNOLOGY	3.6	79	1383kg / 3050lbs	280
9" x 9" x 3-1/8" 228mm x 228mm x 80mm	DENSE IQ FACE MIX TECHNOLOGY	1.8	79	1383kg / 3050lbs	140

All sizes including 3 mm Spacer Bars

RECOMMENDED APPLICATIONS



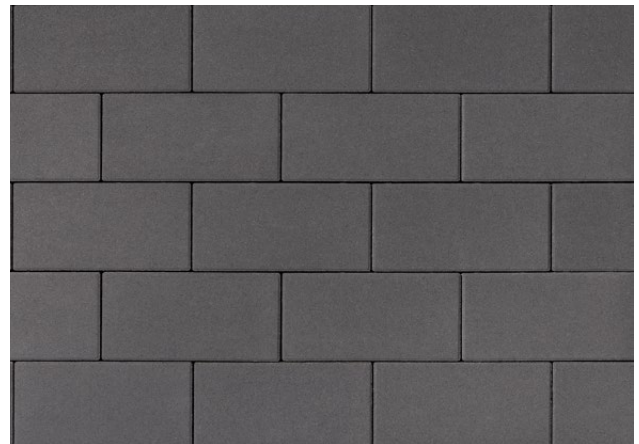
Parking Lots



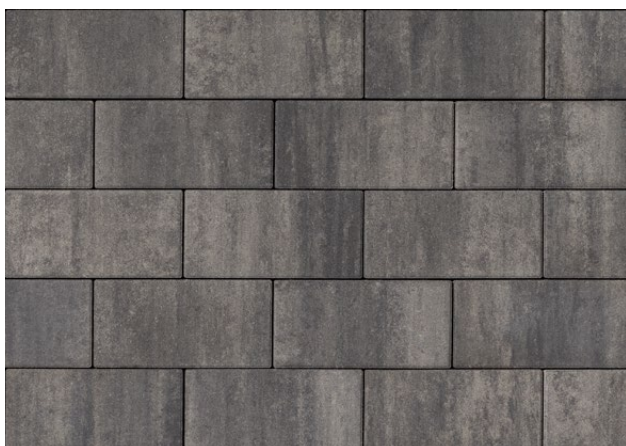
Vehicular Traffic



Natural



Charcoal



Winter Sky

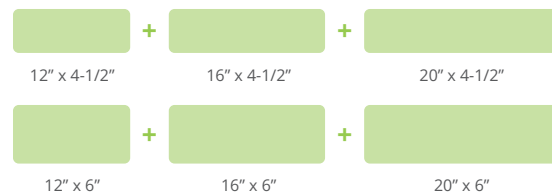


Project by Ratan Raymon Construction Ltd.

Linaro - Colour: Silver Grey, Midnight Black, and Graphite

Linaro is manufactured on a mixed pallet containing pavers of 2 different widths and 3 different lengths. This change in width and length creates an interesting combination of linear pavers. Combining colours within the pattern adds further layers of interest. The visual scale is appropriate for everything from city plazas to residential drives.

COMBO MOLD - 6-PIECE:



Size (in)		Type	Sqft / Pal	Shipping Weight	Pcs / Pal
12" x 4-1/2" x 3-15/16" 305mm x 115mm x 100mm	DENSE IQ FACE MIX TECHNOLOGY	A	56	1173kg / 2585lbs	18
16" x 4-1/2" x 3-15/16" 407mm x 115mm x 100mm	DENSE IQ FACE MIX TECHNOLOGY	B			12
20" x 4-1/2" x 3-15/16" 508mm x 115mm x 100mm	DENSE IQ FACE MIX TECHNOLOGY	C			18
12" x 6" x 3-15/16" 305mm x 153mm x 100mm	DENSE IQ FACE MIX TECHNOLOGY	D			18
16" x 6" x 3-15/16" 407mm x 153mm x 100mm	DENSE IQ FACE MIX TECHNOLOGY	E			12
20" x 6" x 3-15/16" 508mm x 153mm x 100mm	DENSE IQ FACE MIX TECHNOLOGY	F			18

Wide spacer bars designed for permeable or sand set installation

RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking

COMBO MOLD PALLET LAYOUT

Image below shows the paver configuration on the pallet.

D	F
C	A
C	A
E	E
F	D
B	B
C	A
D	F

INSTALLATION PATTERN

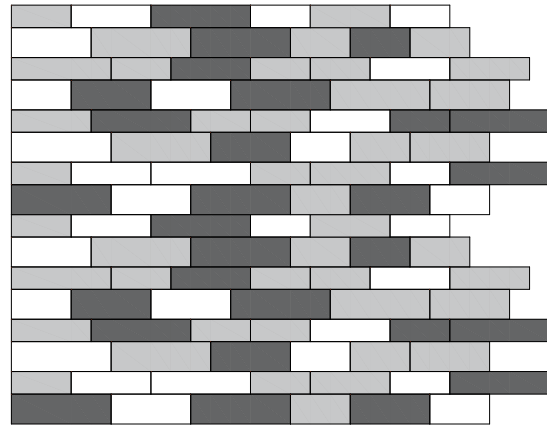
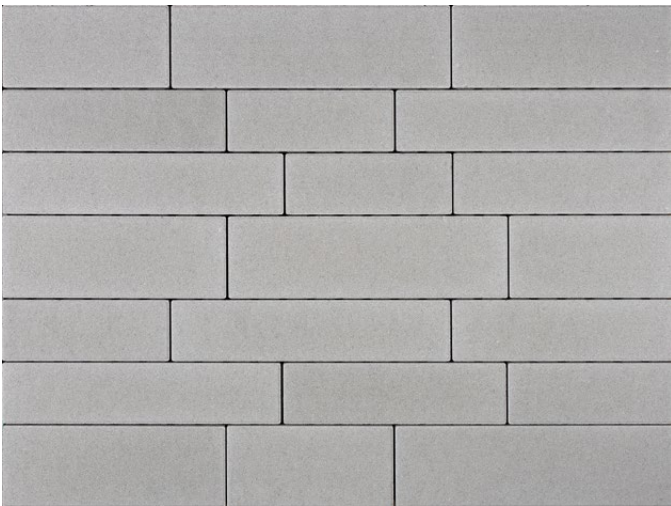


Image above shows Linaro in a random installation pattern. It is recommended to alternate the widths for each row. As with all lineal pavers, it is recommended to lay them perpendicular to vehicular traffic.



Silver Grey



Graphite



Midnight Black

Victorian Cobble

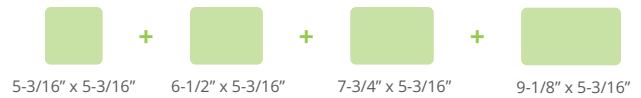


Victorian Cobble - Colour: Winter Sky

Victorian Cobble is manufactured on a mixed pallet containing 4 pavers of different lengths. With its cleft surface appearance and wider joints, the Victorian Cobble has a timeless appeal. The Victorian Cobble is installed in a running bond or Random pattern. If installed as a permeable paver the infiltration rate is greater than 300 inches per hour.



COMBO MOLD - 4-PIECE:



Size (in)		Type	Sqft / Pal	Shipping Weight	Pcs / Pal
5-3/16" x 5-3/16" x 2-3/8" 132mm x 132mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY	A	108	1225kg / 2700lbs	108
6-1/2" x 5-3/16" x 2-3/8" 165mm x 132mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY	B			108
7-3/4" x 5-3/16" x 2-3/8" 198mm x 132mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY	C			90
9-1/8" x 5-3/16" x 2-3/8" 232mm x 132mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY	D			108

Wide spacer bars designed for permeable or sand set installation



NewStone Permeable Pavers

the perfect blend of beauty and functionality. Designed to reduce runoff and promote natural drainage, these eco-friendly pavers help manage stormwater while enhancing the look

RECOMMENDED APPLICATIONS



Patios



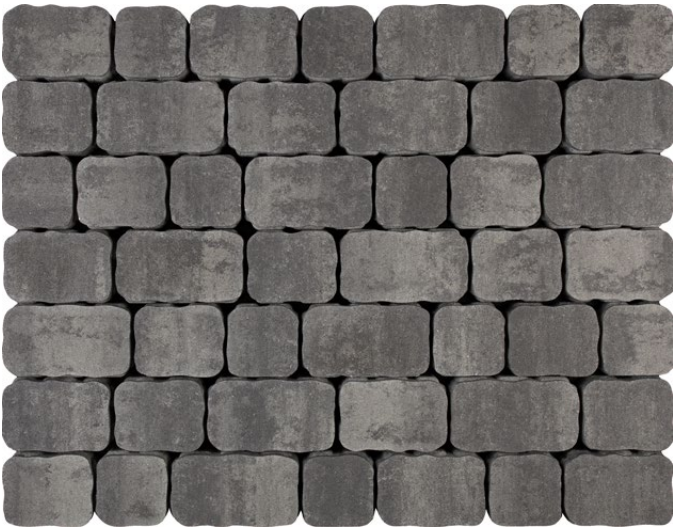
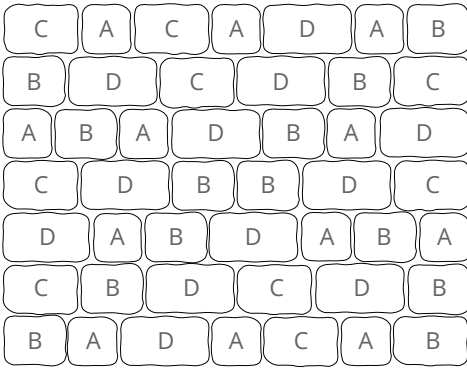
Walkways



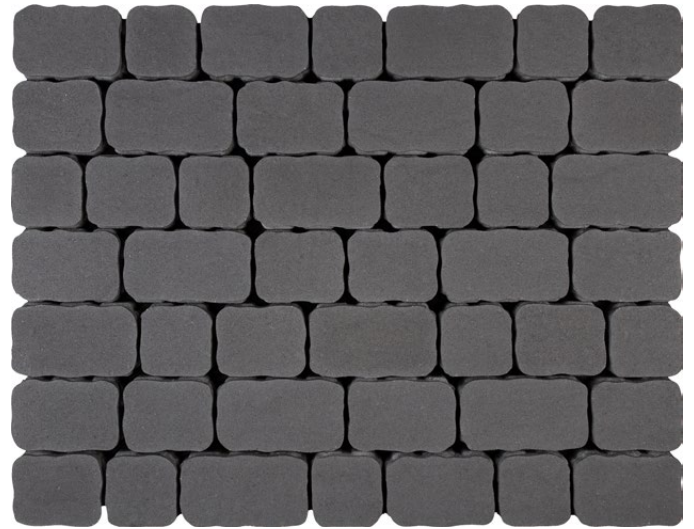
Residential Driveway/Parking

COMBO MOLD PALLET LAYOUT

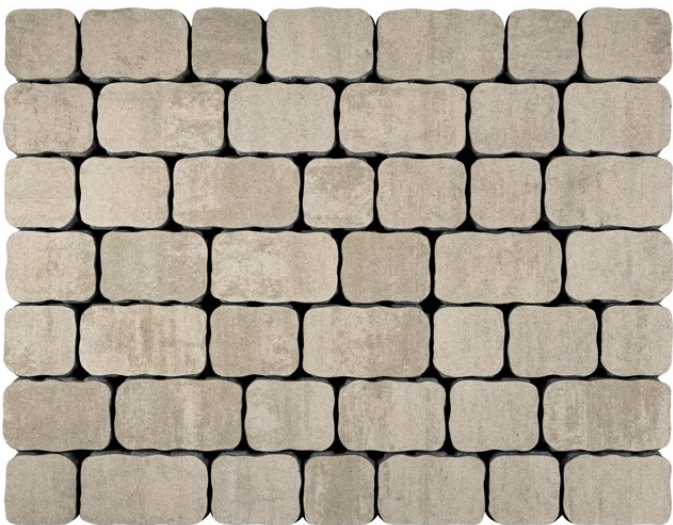
Image below shows the paver configuration on the pallet.



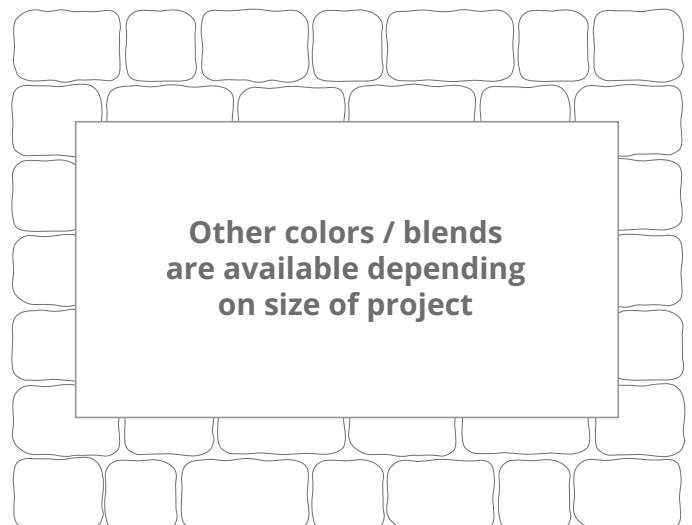
Winter Sky



Charcoal



Travertine



Old Village Stone



6"x9" Old Village Stone - Colour: Winter Sky

Irregular, slightly broken edges and corners create the effect of old European charm.



INDIVIDUAL SIZES:



6" x 9"

6" x 12"

Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
6" x 9" x 2-3/8" 151mm x 228mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY	2.67	101.25	1329kg / 2930lbs	270
6" x 12" x 2-3/8" 151mm x 304mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY	2	108	1361kg / 3000lbs	216

All sizes including 3 mm Spacer Bars

RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking



Natural



Charcoal



Winter Sky



Espresso

Old Village Stone 5-Piece Combo

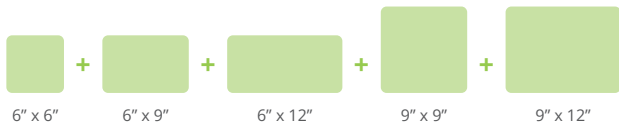


Project by Ouellette Landscaping

Old Village Stone 5-Piece Combo - Colour: Natural

The 5-piece combo mold with its collection of sizes appears as an ancient Roman road did hundreds of years ago.

COMBO MOLD 5-PIECE:



Size (in)		Type	Sqft / Pal	Shipping Weight	Pcs / Pal
6" x 6" x 2-3/8" 151mm x 151mm x 60mm		A	108	1361kg / 3000lbs	54
6" x 9" x 2-3/8" 151mm x 228mm x 60mm		B			90
6" x 12" x 2-3/8" 151mm x 304mm x 60mm		C			27
9" x 9" x 2-3/8" 228mm x 228mm x 60mm		D			36
9" x 12" x 2-3/8" 228mm x 304mm x 60mm		E			36

All sizes including 3 mm Spacer Bars

COMBO MOLD PALLET LAYOUT

Image below shows the paver configuration on the pallet.

E	E	E	E	C	C
D	B	B	B	B	D
D	B	B	B	B	D
A	A	A	A	A	C

RECOMMENDED APPLICATIONS



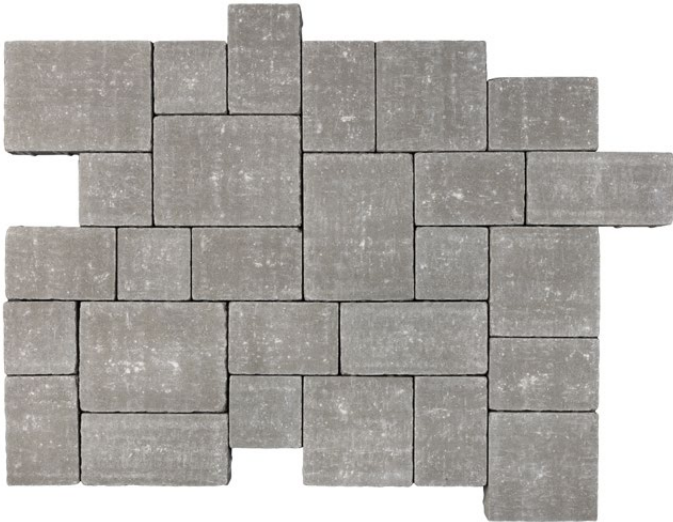
Patios



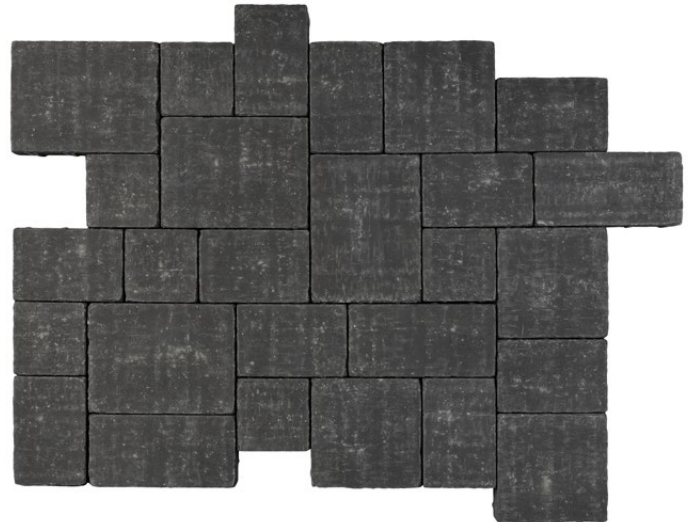
Walkways



Residential Driveway/Parking



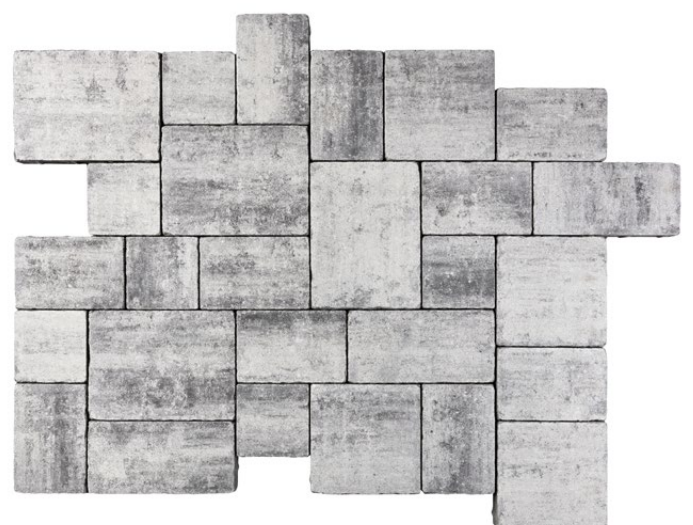
Natural



Charcoal



Winter Sky



Glacier



Espresso



Travertine



Project by Groundwex Landscape + Design

6"x12" Urban - Colour: Natural and Charcoal

The new trend in Architectural Hardscape. Urban pavers have no chamfer which gives this distinctive look.



INDIVIDUAL SIZES:



6" x 9"

6" x 12"

Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
6" x 9" x 2-3/8" 151mm x 228mm x 60mm		2.67	101.25	1329kg / 2930lbs	270
6" x 12" x 2-3/8" 151mm x 304mm x 60mm		2	108	1361kg / 3000lbs	216

All sizes including 3 mm Spacer Bars



Please note, the lack of a chamfer requires installers to handle Urban pavers with more care than typical pavers.

RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking



Natural



Charcoal



Winter Sky



Espresso

Urban 5-Piece Combo



Project by Wisam Landscaping & Services Ltd.

Urban 5-Piece Combo - Colour: Espresso

Our Urban pavers in the 5-piece combo are the ultimate choice for the modern home. The absence of chamfers enhances the appearance of the various sizes creating the appearance of cut stone.

COMBO MOLD 5-PIECE:

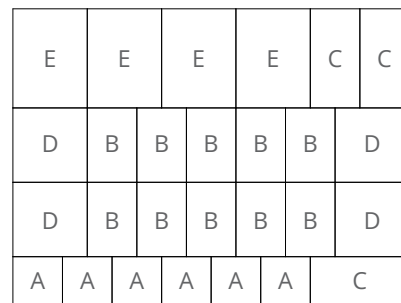


Size (in)	Type	Sqft / Pal	Shipping Weight	Pcs / Pal
6" x 6" x 2-3/8" 151mm x 151mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY A	108	1361kg / 3000lbs	54
6" x 9" x 2-3/8" 151mm x 228mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY B			90
6" x 12" x 2-3/8" 151mm x 304mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY C			27
9" x 9" x 2-3/8" 228mm x 228mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY D			36
9" x 12" x 2-3/8" 228mm x 304mm x 60mm	DENSE IQ FACE MIX TECHNOLOGY E			36

All sizes including 3 mm Spacer Bars

COMBO MOLD PALLET LAYOUT

Image below shows the paver configuration on the pallet.



Please note, the lack of a chamfer requires installers to handle Urban pavers with more care than typical pavers.

RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking



Natural



Charcoal



Winter Sky



Glacier



Espresso



Travertine

Standard Pavers



Project by Blue Pine Enterprises

Standard Pavers - Colour: Northern Shadow

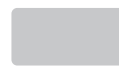
The original paving stone shape offers contemporary elegance for commercial and residential projects.



INDIVIDUAL SIZES:



Half Standard



Standard



Double Standard

Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
Half Standard 4-7/16" x 4-7/16" x 2-3/8" 112.5mm x 112.5mm x 60mm		7.2	98	1225kg / 2700lbs	720
Standard 8-7/8" x 4-7/16" x 2-3/8" 225mm x 112.5mm x 60mm		3.6	98	1225kg / 2700lbs	360
Double Standard 8-7/8" x 8-7/8" x 2-3/8" 225mm x 225mm x 60mm		1.8	98	1225kg / 2700lbs	180

All sizes including 3 mm Spacer Bars

RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking



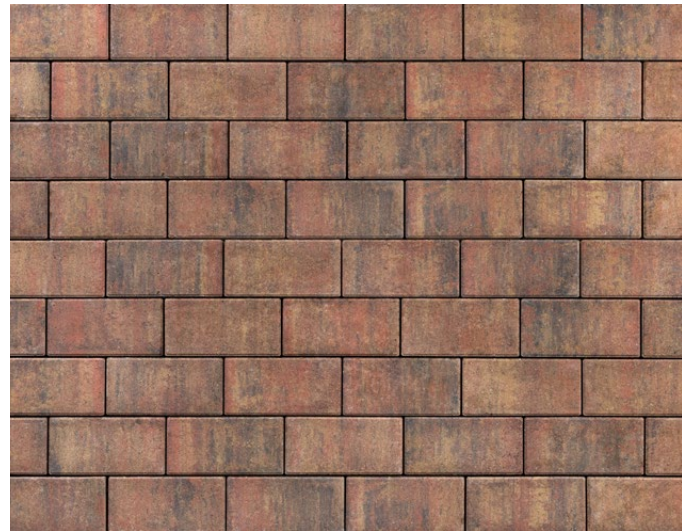
Natural



Charcoal



Northern Shadow



Somerset



6"x12" M-Tech - Colour: Natural

The M-Tech paver is manufactured on the pallet in a machine lay pattern. M-Tech is designed to accommodate heavy commercial traffic with its physical characteristics that include an enhanced interlock system. The enhanced interlock system is accomplished with multiple spacer tabs around all the edges of the paver, ensuring a robust vertical interlock. Helpful in areas with highly variable traffic loads and constant turning.

INDIVIDUAL SIZES:



6" x 12"

Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
6" x 12" x 3-15/16" 151mm x 304mm x 100mm		2	63	1370kg / 3020lbs	126

All sizes including 3 mm Spacer Bars



RECOMMENDED APPLICATIONS



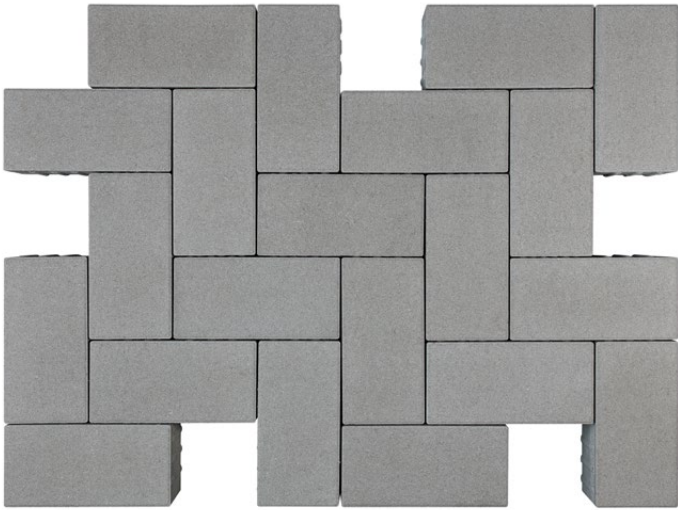
Parking Lots



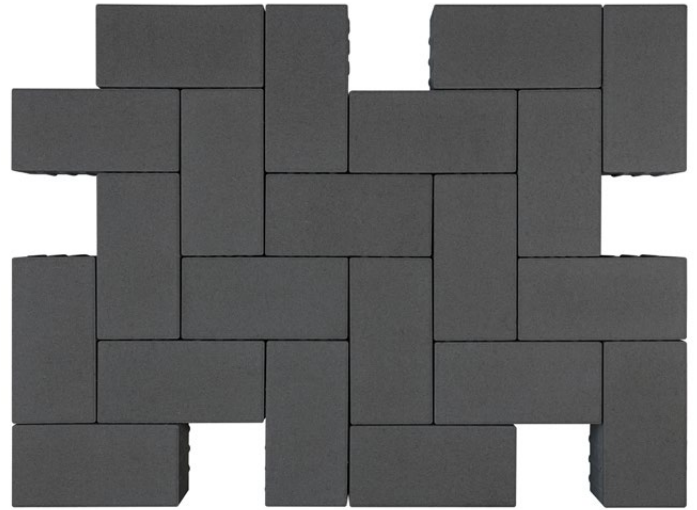
Vehicular Traffic



Heavy Traffic



Natural



Midnight Black



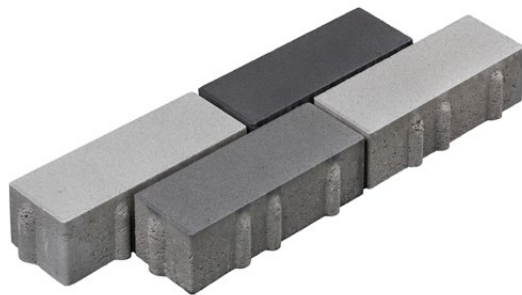
Winter Sky

Aqua Linaro



Aqua Linaro - Colour: Silver Grey, Midnight Black, and Graphite

Aqua Linaro is a modern, permeable concrete paver that combines functionality with aesthetic appeal. It's ideal for use in walkways, driveways, and commercial spaces.



Percentage of surface opening is 9.3%.

INDIVIDUAL SIZES:



Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
12" x 4" x 3-15/16" 304mm x 102mm x 100mm	DENSE IQ FACE MIX TECHNOLOGY	3	66	1270kg / 2800lbs	198



Newstone Permeable Pavers

the perfect blend of beauty and functionality. Designed to reduce runoff and promote natural drainage, these eco-friendly pavers help manage stormwater while enhancing the look

RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking



Silver Grey



Graphite



Midnight Black



Project by Alpine Landscaping

Eco-Pro - Colour: Charcoal and Natural

Eco-Pro pavers are perfect for a wide range of applications, including residential, municipal, and commercial projects. They are ideal for walkways, patios, driveways, courtyards, plazas, retail spaces, entryways, and parking lots. These pavers can be arranged in patterns like herringbone and running bond, offering both versatility and style.



Percentage of surface opening is 7%.

INDIVIDUAL SIZES:



8" x 4"

Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
8" x 4" x 2-3/4" 200mm x 100mm x 70mm	DENSE IQ FACE MIX TECHNOLOGY	4.5	88	1148kg / 2530lbs	396



Newstone Permeable Pavers

the perfect blend of beauty and functionality. Designed to reduce runoff and promote natural drainage, these eco-friendly pavers help manage stormwater while enhancing the look

RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking



Natural



Charcoal



Somerset

Dorado Drain Pavers



Project by Benjamin Landscaping & Projects

Dorado Drain Pavers - Colour: Natural

Designed to fit with our Dorado XL pavers. This compatibility together with the unique look creates new solutions for Permeable areas.



Percentage of surface opening is 25%.

INDIVIDUAL SIZES:



9" x 12"

Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
9" x 12" x 3-1/8" 228mm x 304mm x 80mm		1.33	79	943kg / 2080lbs	105

All sizes including 3 mm Spacer Bars



Newstone Permeable Pavers

The perfect blend of beauty and functionality. Designed to reduce runoff and promote natural drainage, these eco-friendly pavers help manage stormwater while enhancing the look.

RECOMMENDED APPLICATIONS



Patios



Walkways



Residential Driveway/Parking



Natural



Charcoal

Premium Series Slabs

VibroPressed

DENSE IQ
FACE MIX TECHNOLOGY



24"x24" Premium Series Slabs - Colour: Starlight

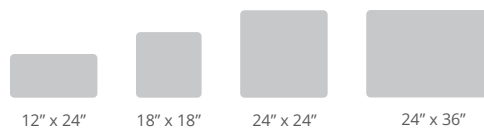
Our Premium Series offers a group of special aggregate slabs that are shot blasted to enhance the natural brightness of the aggregates contained on the surface of the slabs.

VIBROPRESS TECHNOLOGY

Our state-of-the-art manufacturing process is able to bring the quality of slabs to the next level. The dimensional accuracy and high flexural strength make the Premium Series the go to slab.



INDIVIDUAL SIZES:



Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
12" x 24" x 2"		0.5	88	1000kg / 2200lbs	44
18" x 18" x 2"		0.44	99	1113kg / 2454lbs	44
24" x 24" x 2"		0.25	88	1000kg / 2200lbs	22
24" x 36" x 2"		0.17	132	1472kg / 3246lbs	22

All sizes including 3 mm Spacer Bars

RECOMMENDED APPLICATIONS



Patios



Walkways



Decks



Pedestal Set



Eclipse

SRI: 49



Starlight

SRI: 79



Cosmic

SRI: 23



Galaxy

SRI: 11



Nova

SRI: 83



Solaris



Callisto

Manhattan Slabs

VibroPressed

DENSE IQ
FACE MIX TECHNOLOGY



Project by Construx Landscaping

24"x36" Manhattan Slabs - Colour: Natural

Classic paving stone slab, ideal for Pool Areas, Rooftops, Decks, Terraces.

VIBROPRESS TECHNOLOGY

Our state-of-the-art manufacturing process is able to bring the quality of slabs to the next level. The dimensional accuracy and high flexural strength make the Manhattan the go to slab for pedestal installations.



INDIVIDUAL SIZES:



Size (in)		Pcs / Sqft	Sqft / Pal	Shipping Weight	Pcs / Pal
12" x 24" x 2"		0.5	88	1000kg / 2200lbs	44
18" x 18" x 2"		0.44	99	1113kg / 2454lbs	44
18" x 36" x 2"		0.22	99	1113kg / 2454lbs	22
24" x 24" x 2"		0.25	88	1000kg / 2200lbs	22
24" x 36" x 2"		0.17	132	1472kg / 3246lbs	22

All sizes including 3 mm Spacer Bars

RECOMMENDED APPLICATIONS



Patios



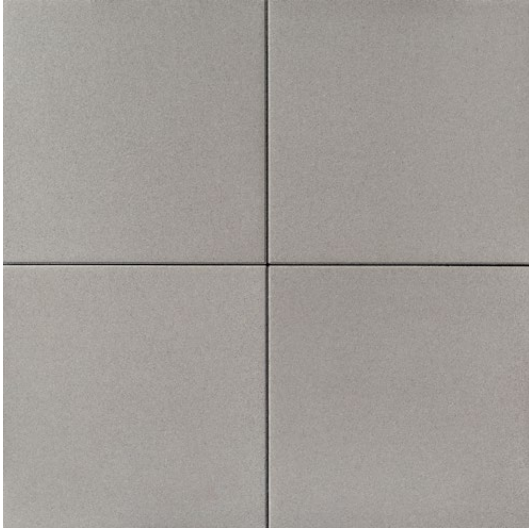
Walkways



Decks

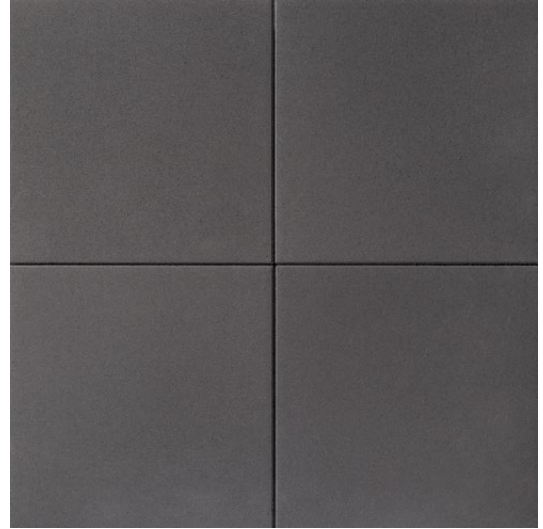


Pedestal Set



Natural

SRI: 15



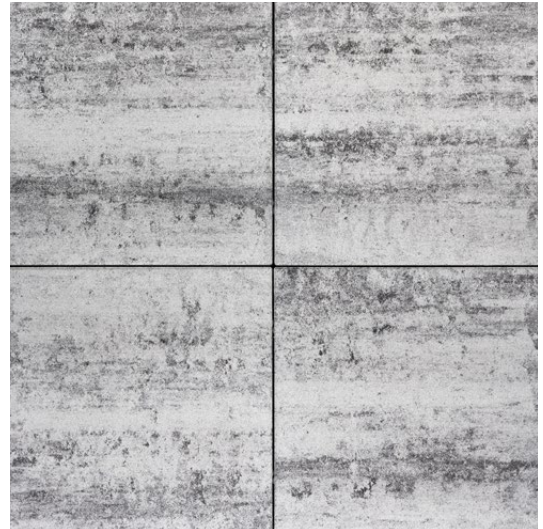
Charcoal

SRI: 6



Winter Sky

SRI: 10

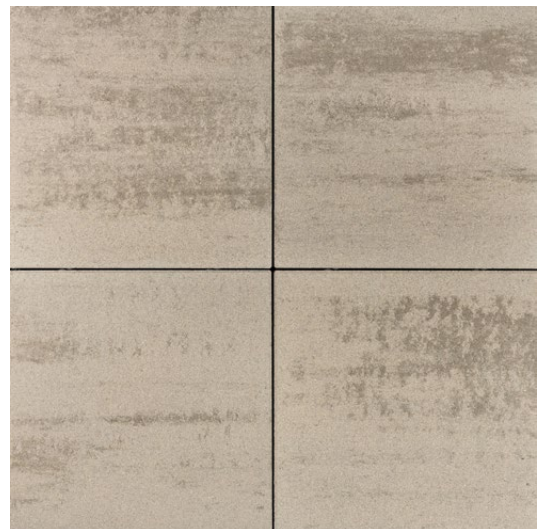


Glacier

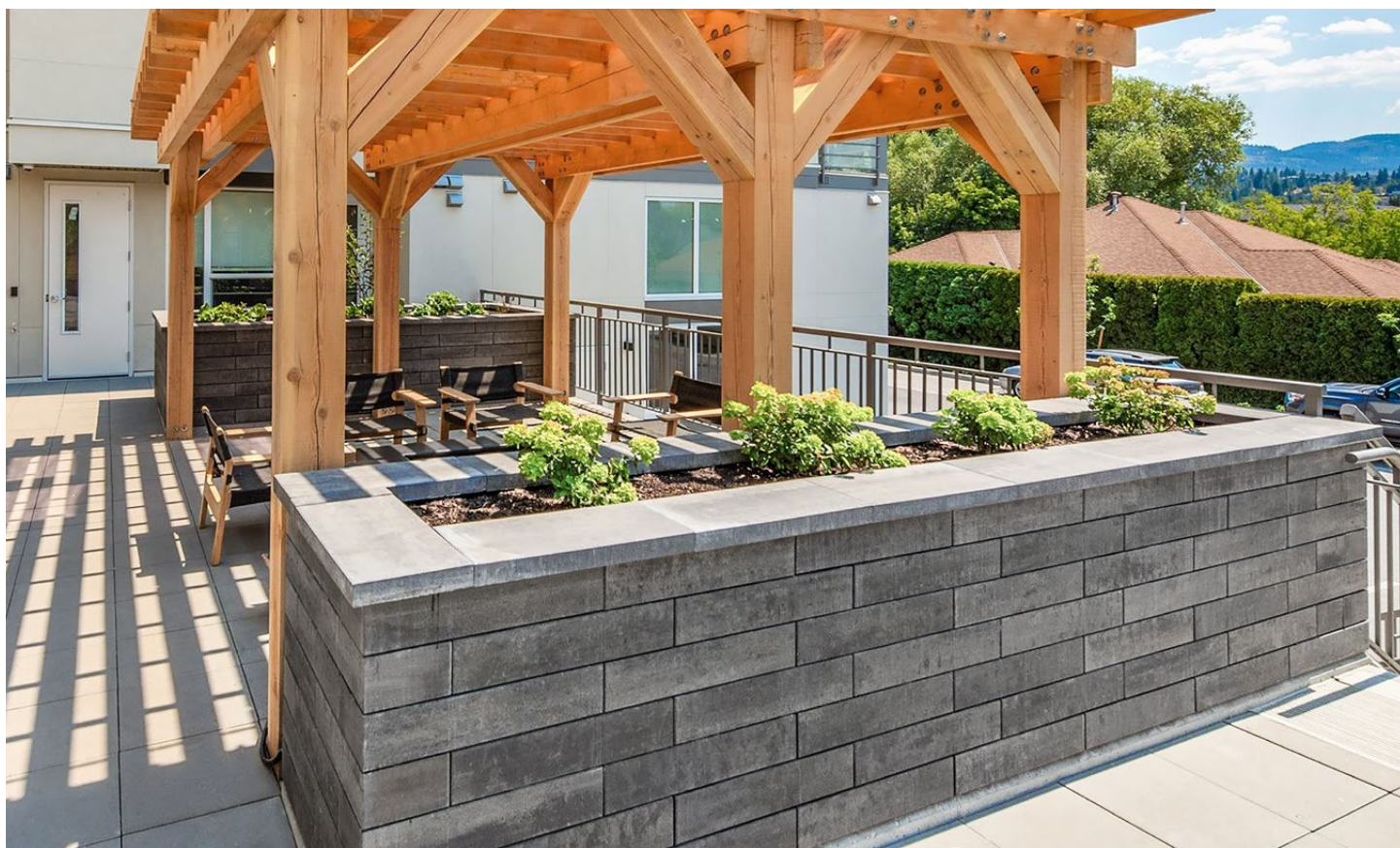


Espresso

SRI: 13



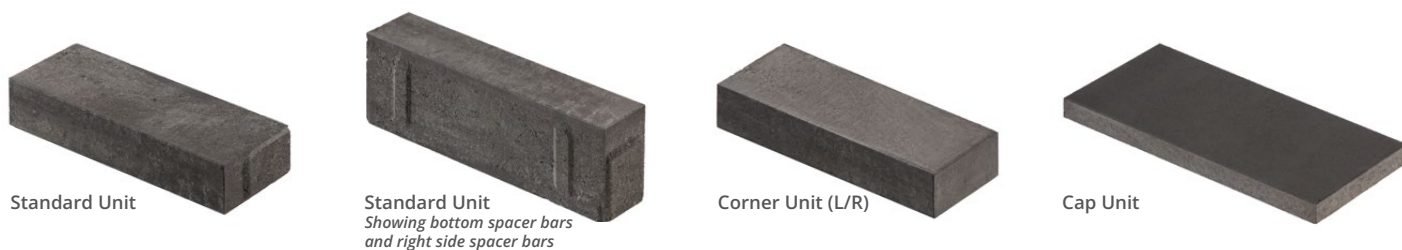
Travertine



Project by Valhalla Hardscapes

Dorado Wall - Colour: Winter Sky

The Dorado Wall is the perfect accompaniment to any modern design with its clean straight lines and rich premium finish face mix. The lineal appearance of the Dorado Wall with its zero setback is unique in a garden wall unit. Installation is simple as there are no pins, lips, or lugs. The Dorado Wall units are adhered to each other using a concrete adhesive attaining a maximum height of 30 inches.



Standard Unit

Standard Unit
Showing bottom spacer bars
and right side spacer bars

Corner Unit (L/R)

Cap Unit

INDIVIDUAL SIZES:

Blocks	Size (in)	Pieces per sq.ft.	Sq.ft. per Pallet	Shipping Weight	PCS / Pallet
Standard Unit	8" x 24" x 5" 203mm x 610mm x 127mm	1.2	35	1460kg / 3220lbs	42
Corner Unit (L/R)	8" x 24" x 5" 203mm x 610mm x 127mm	1.2	20	835kg / 1840lbs	24
Cap Unit	11" x 24" x 2" 279mm x 610mm x 51mm	0.55	80	907kg / 2000lbs	44



NOTE: While gluing the Dorado Wall units it is recommended to use tapered shims (typically 3/16" to 1/4") to maintain the position of the blocks with removal after the glue has set.

Sizes for standard unit and corner unit include 5 mm Spacer Bars

RECOMMENDED APPLICATIONS



Garden Walls



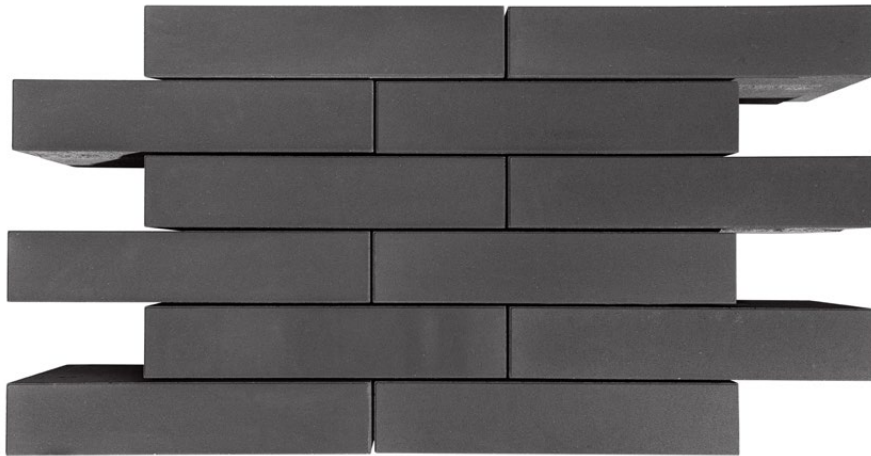
Pillars



Edging



Natural



Charcoal



Winter Sky



Glacier



Espresso



Travertine



56"X 56" FIRE PIT / PLANTER

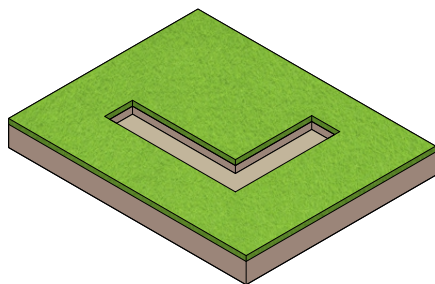
	Standard Units	Cap Units	Corner Units (Left/Right)	
Top Layer		8		
Third Layer	4		4 L	4 R
Second Layer	4		4 R	4 L
First Layer	4		4 L	4 R
Completed Dimensions with Cap	59" L x 59" W x 16 ¾" H			
Interior Cap Dimensions	37" L x 37" W			
Interior Wall Dimensions	40" L x 40" W			



56"X 32" FIRE PIT / PLANTER

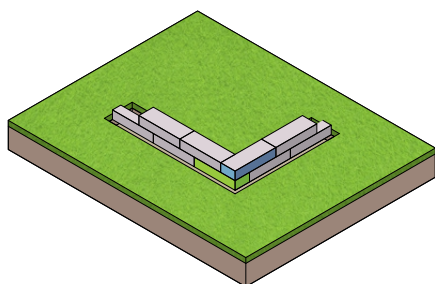
	Standard Units	Cap Units	Corner Units (Left/Right)	
Top Layer		6		
Third Layer	2		4 L	4 R
Second Layer	2		4 R	4 L
First Layer	2		4 L	4 R
Completed Dimensions with Cap	59" L x 35" W x 16 ¾" H			
Interior Cap Dimensions	37" L x 13" W			
Interior Wall Dimensions	40" L x 16" W			

Dorado Wall Installation Guide



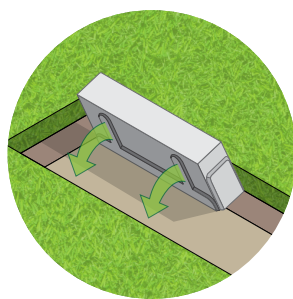
Step 1: Prepare the Trench for Foundation Stone or Road Base

- **Mark the Area:** Use stakes and string lines to outline the area where the retaining wall will be built. Ensure the boundaries are straight and match the desired dimensions of the wall.
- **Dig the Trench:** Excavate a trench along the marked area. The depth and width of the trench should match the specifications for your retaining wall, typically about 6-12 inches deep and twice the width of the blocks.
- **Ensure a Level Base:** The bottom of the trench must be level. Use a leveling tool to ensure precision, as an uneven foundation can compromise the stability of the entire wall.
- **Add Road Base Material:** Fill the trench with a layer of road base gravel or crushed stone. Spread the material evenly and compact it thoroughly using a hand tamper or plate compactor. This creates a stable and well-drained base for the retaining wall.



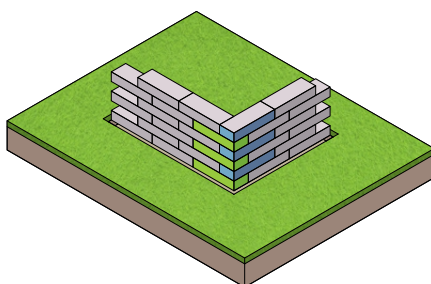
Step 3: Lay Subsequent Layers and Ensure Proper Alignment

- **Position the Next Row:** Start the second row by placing the first block slightly offset from the one below it. This staggered pattern, often called a running bond, adds stability to the wall.
- **Check Alignment:** Align each block carefully with the one below, ensuring it sits securely on the lower layer. Push the blocks back slightly to create a slight backward lean (batter), which helps stabilize the wall against pressure.
- **Secure and Level:** Use a rubber mallet to gently tap the blocks into place and maintain alignment. Continuously check for level as you go to ensure the wall remains even.



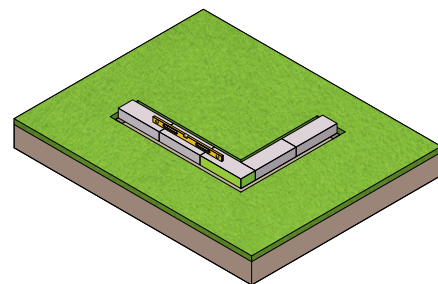
Note: Make sure the spacer bars are facing down

- **Position the First Block:** Begin at one end of the trench and place the first retaining wall block on the compacted base. Align it carefully with your marked string line or guide to ensure it is in the correct position. Make sure the spacer bars are facing down.
- **Spacer Bar:** Each Dorado wall block is designed with spacer bars at the bottom. These spacer bars must always face downward when placing the blocks. This orientation ensures proper alignment and stability between layers, and helps the blocks interlock securely.
- Before placing each block, double-check that the spacer bars are oriented downward and in contact with the block below. This step is crucial for maintaining the structural integrity of the wall.



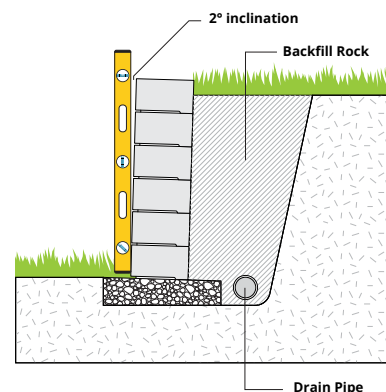
Step 4: Finish the Wall to Your Desired Height

- **Cap the Wall (Optional):** If your wall design includes capstones, place them on top of the final row. Apply a landscape block adhesive to the top of the last row and press the capstones firmly into place for a polished, finished look.
- **Backfill and Compact:** Once the wall reaches the desired height, backfill the area behind the wall with gravel or drainage material. This helps reduce pressure on the wall and improves drainage. Compact the backfill in layers to ensure stability.
- **Inspect the Wall:** Do a final check for any uneven blocks or gaps. Make adjustments if necessary to ensure the wall is level, aligned, and stable.



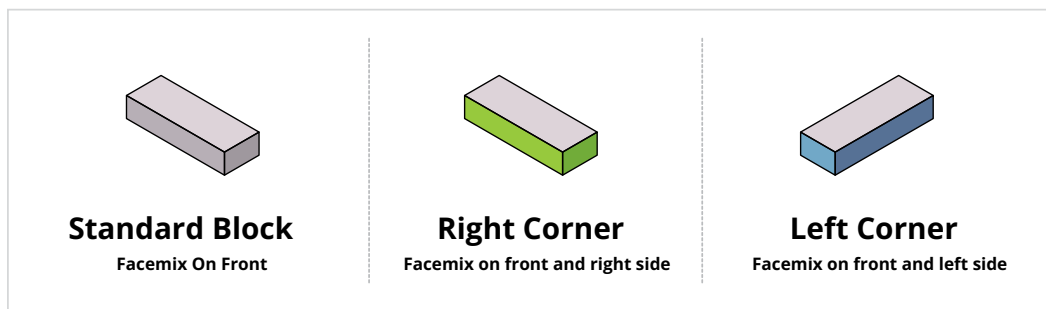
Step 2: Lay Down the First Layer and Ensure It Is Level

- **Check for Level:** Use a carpenter's level to check that the block is level in all directions (front-to-back and side-to-side). Adjust by adding or removing small amounts of the base material under the block as needed. This first block is crucial for the entire wall's stability and alignment.



Inclination of the Wall

- To ensure stability, the retaining wall should be built with a slight backward tilt. This is known as "batter." The wall should be inclined at an angle of 2 degrees toward the soil it is retaining. This backward tilt helps counteract the pressure exerted by the soil and improves the wall's structural integrity.



Standard Block
Facemix On Front

Right Corner
Facemix on front and right side

Left Corner
Facemix on front and left side

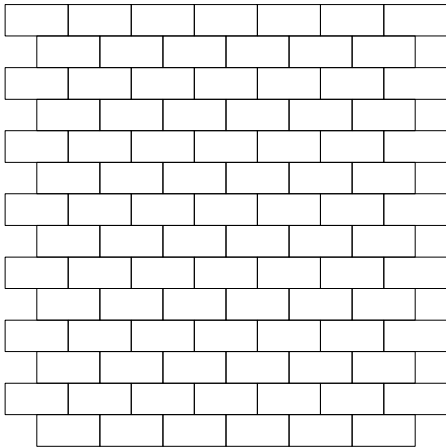


*Photo courtesy of Valhalla Hardscapes
Manhattan 18x18 Natural & Dorado Wall Winter Sky*

Installation Patterns

In this section, we proudly present an array of installation patterns that not only enhance the aesthetics of your outdoor spaces but also ensure durability and functionality. Each pattern showcased here embodies precision and creativity, offering you a glimpse into the endless possibilities of design with our concrete pavers and slabs.

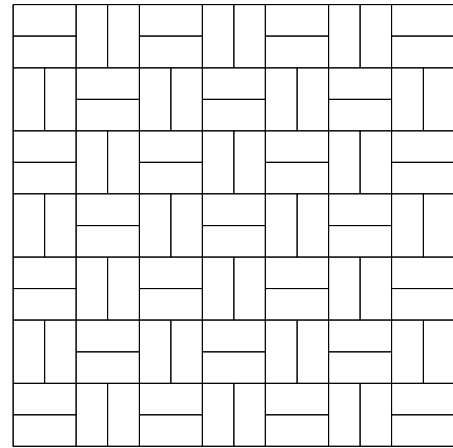
Whether you seek timeless elegance or modern flair, our installation patterns cater to diverse tastes and requirements, transforming ordinary surfaces into extraordinary landscapes. Explore these pages to discover the artistry and versatility that define our commitment to excellence in paving solutions.



P100

1/2 OFFSET RUNNER BOND

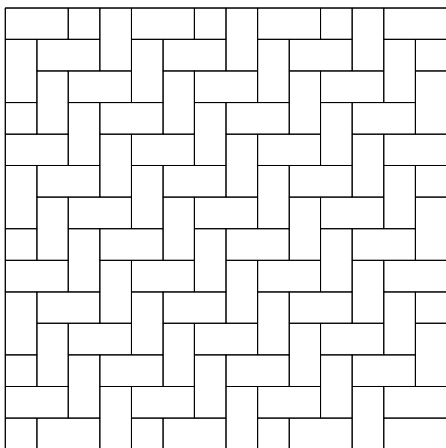
Product	Sizes	% of Area	Area
Standard Series	Standard	100	24.9 sqft
Dorado XL Paver	4.5 x 9	100	27 sqft



P101

PARQUET PATTERN

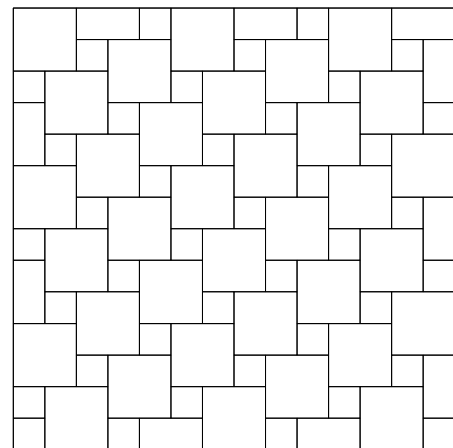
Product	Sizes	% of Area	Area
Standard Series	Standard	100	26.79 sqft
Dorado XL Paver	4.5 x 9	100	27 sqft



P102

90° HERRINGBONE

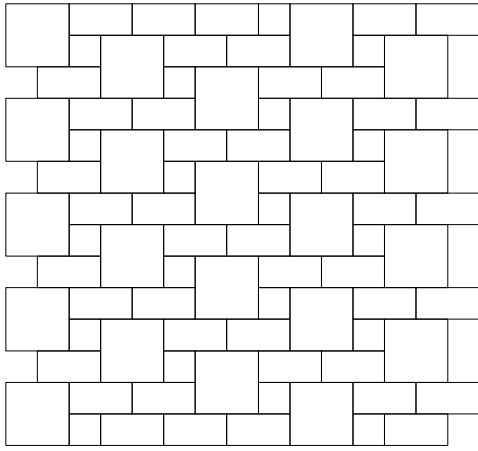
Product	Sizes	% of Area	Area
Standard Series	Standard	100	25.17 sqft
Dorado XL Paver	4.5 x 9	100	25.875 sqft



P103

PIN WHEEL PATTERN

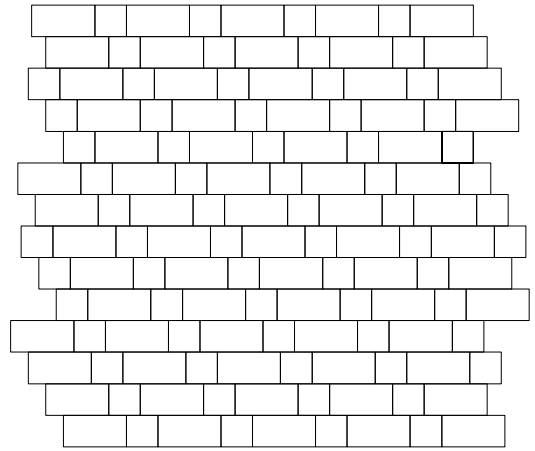
Product	Sizes	% of Area	Area
Standard Series	Double Standard	80	26.79 sqft
	Half Standard	20	



P104

MODIFIED ASHLAR PATTERN

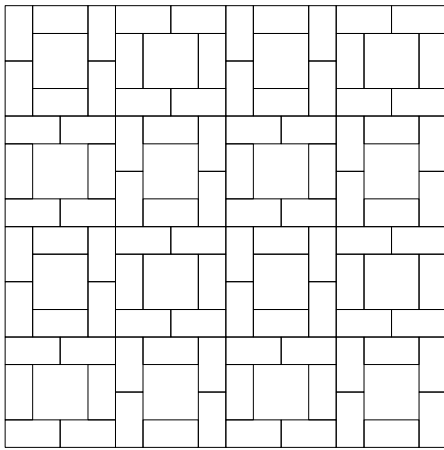
Product	Sizes	% of Area	Area
Standard Series	Double Standard	45	26.99 sqft
	Standard	45	
	Half Standard	10	



P106

1/2 OFFSET RUNNER BOND WITH 1/2 STANDARD INSERT

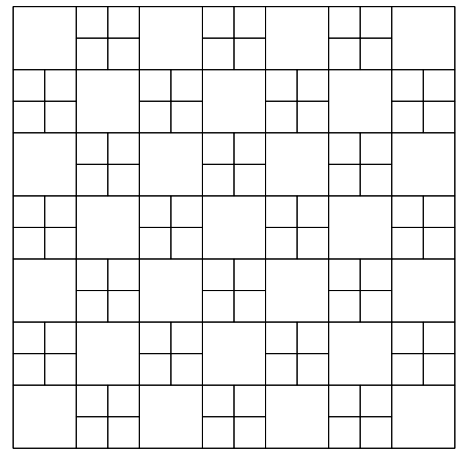
Product	Sizes	% of Area	Area
Standard Series	Standard	67	25.72 sqft
	Half Standard	33	



P108

MODIFIED LATTICE PATTERN

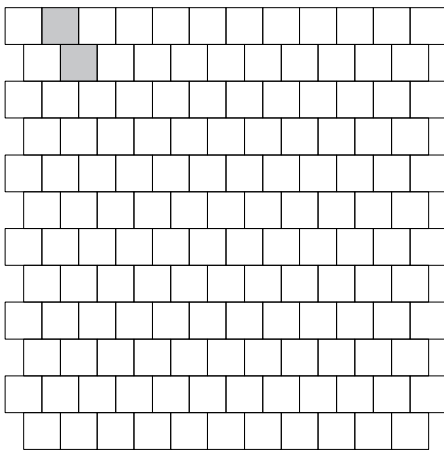
Product	Sizes	% of Area	Area
Standard Series	Standard	75	35.06 sqft
	Double Standard	25	
Dorado XL Paver	4.5 x 9	75	35.84 sqft
	9 x 9	25	



P110

1/2 STANDARD AND DOUBLE STANDARD CHECKERBOARD

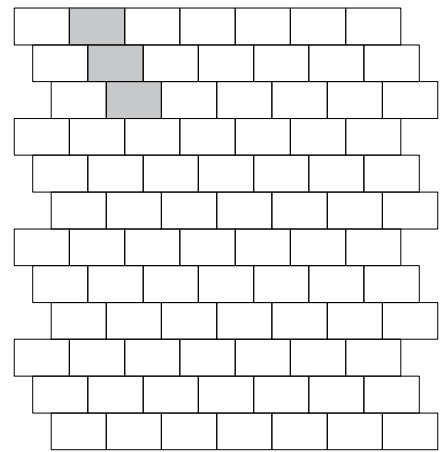
Product	Sizes	% of Area	Area
Standard Series	Half Standard	50	26.79 sqft
	Double Standard	50	



P201

1/2 OFFSET RUNNER BOND

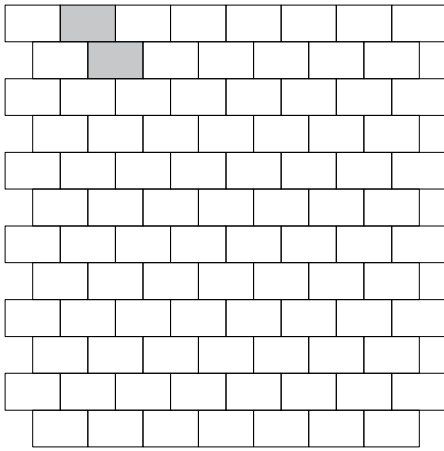
Product	Sizes	% of Area	Area
Dorado	6 x 6	100	34.5 sqft



P202

1/3 OFFSET RUNNER BOND

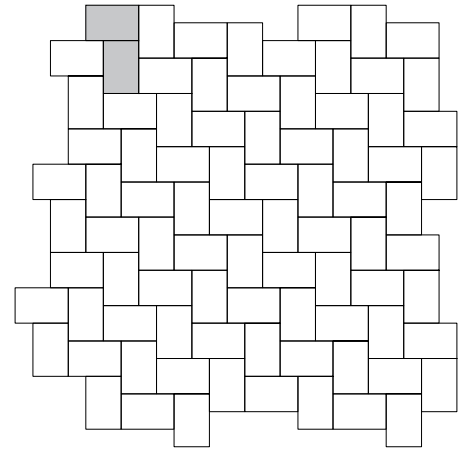
Product	Sizes	% of Area	Area
Dorado / Old Village / Urban	6 x 9	100	31.5 sqft



P203

1/2 OFFSET RUNNER BOND

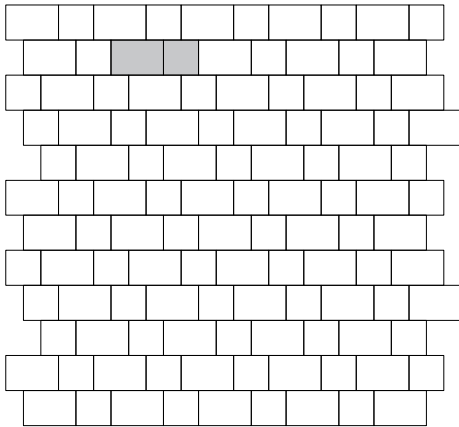
Product	Sizes	% of Area	Area
Dorado / Old Village / Urban	6 x 9	100	33.75 sqft



P204

BASKETWEAVE

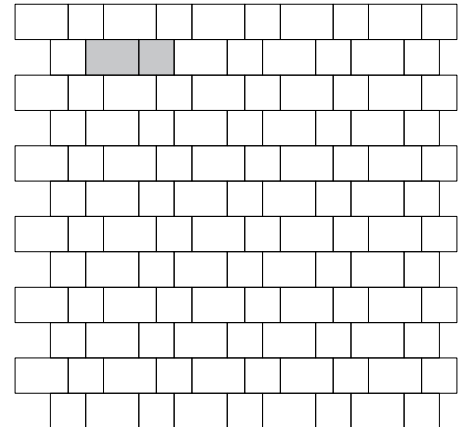
Product	Sizes	% of Area	Area
Dorado / Old Village / Urban	6 x 9	100	32.25 sqft



P205

1/3 OFFSET RUNNER BOND

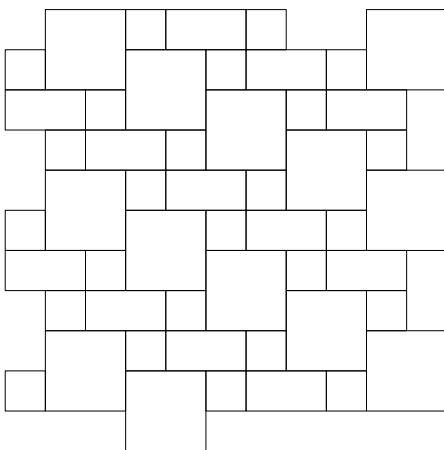
Product	Sizes	% of Area	Area
Dorado	6 x 6	43	33.375 sqft
	6 x 9	57	



P206

1/2 OFFSET RUNNER BOND

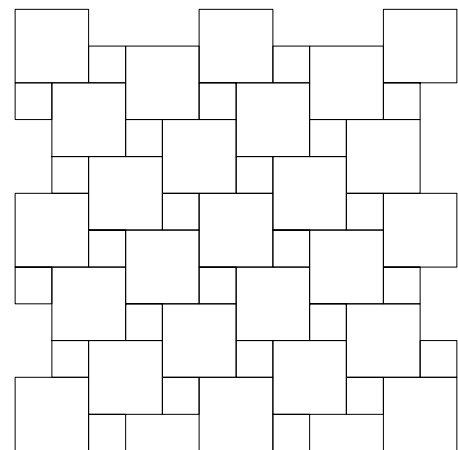
Product	Sizes	% of Area	Area
Dorado	6 x 6	43	35.25 sqft
	6 x 9	57	



P207

ASHLAR PATTERN

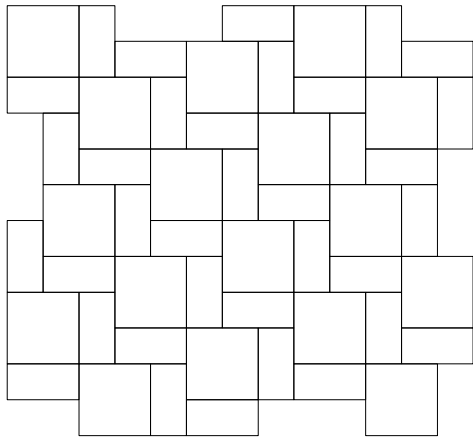
Product	Sizes	% of Area	Area
Dorado	12 x 12	50	22.75 sqft
	6 x 12	25	
	6 x 6	25	



P208

PIN WHEEL PATTERN

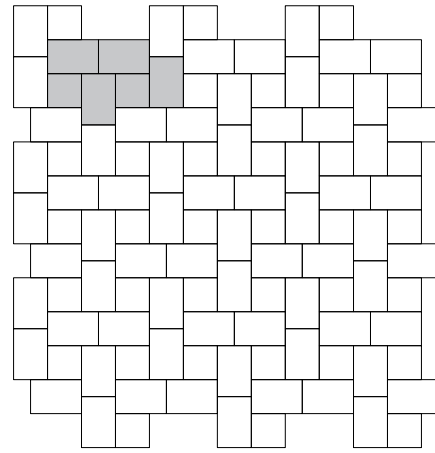
Product	Sizes	% of Area	Area
Dorado	6 x 6	20	31 sqft
	12 x 12	80	



P209

DIAMOND PATTERN

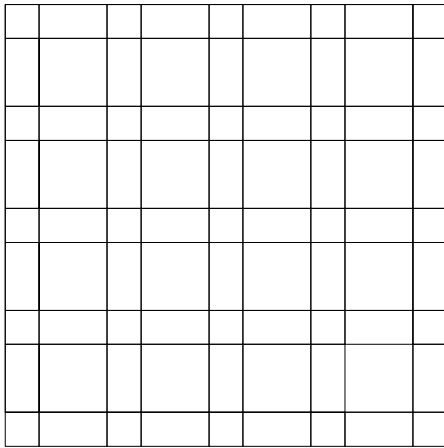
Product	Sizes	% of Area	Area
Dorado / Premium Series Pavers	6 x 12	50	34 sqft
	12 x 12	50	



P210

T-PATTERN

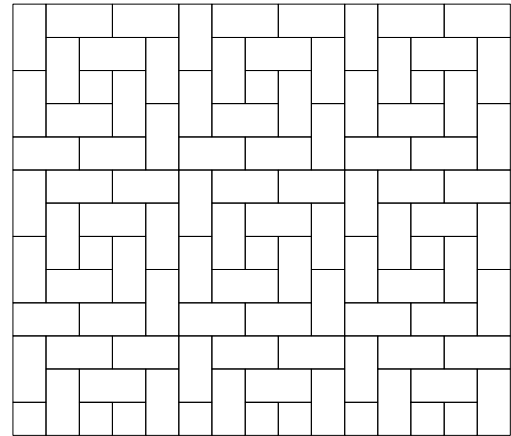
Product	Sizes	% of Area	Area
Dorado	6 x 6	25	36 sqft
	6 x 9	75	



P211

LATTICE

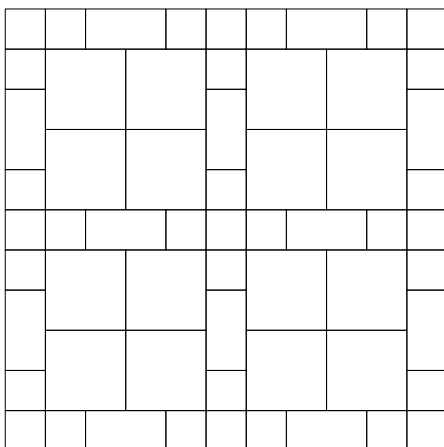
Product	Sizes	% of Area	Area
Dorado	6 x 6	15	42.25 sqft
	6 x 12	47	
	12 x 12	38	



P213

LATTICE

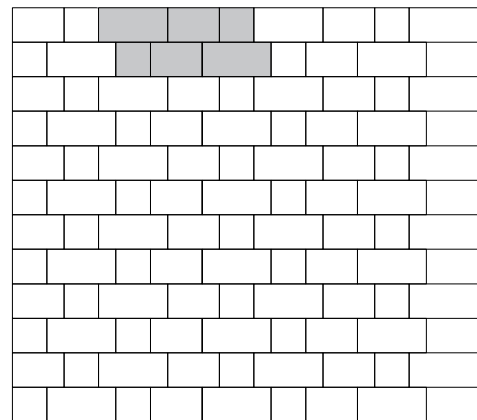
Product	Sizes	% of Area	Area
Dorado	6 x 6	6	47.25 sqft
	6 x 12	94	



P214

LATTICE

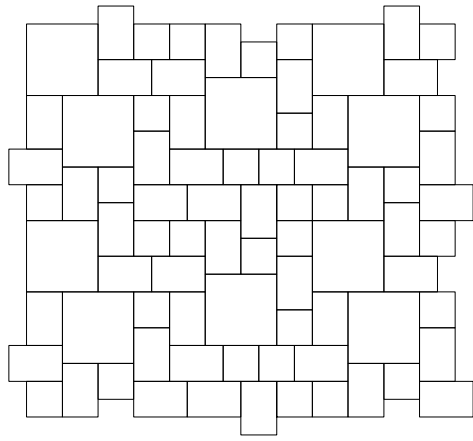
Product	Sizes	% of Area	Area
Dorado	6 x 6	27	30.25 sqft
	6 x 12	20	
	12 x 12	53	



P215

1/3 OFFSET RUNNER BOND

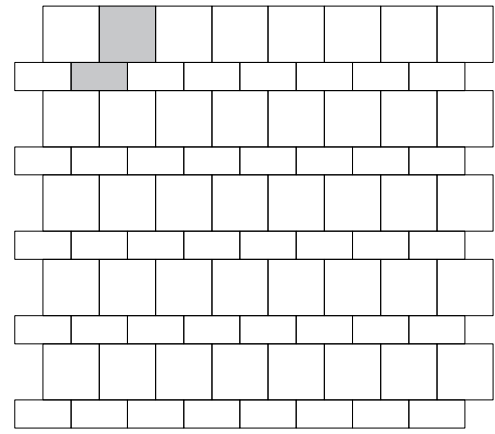
Product	Sizes	% of Area	Area
Dorado	6 x 6	24	38.25 sqft
	6 x 9	29	
	6 x 12	47	



P216

OFFSET LATTICE

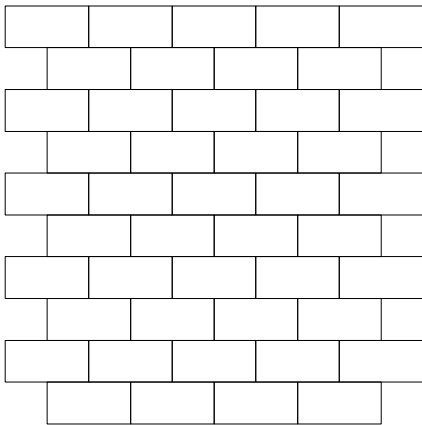
Product	Sizes	% of Area	Area
Dorado	6 x 6	23	32.87 sqft
	6 x 9	47	
	12 x 12	30	



P222

1/2 OFFSET RUNNER

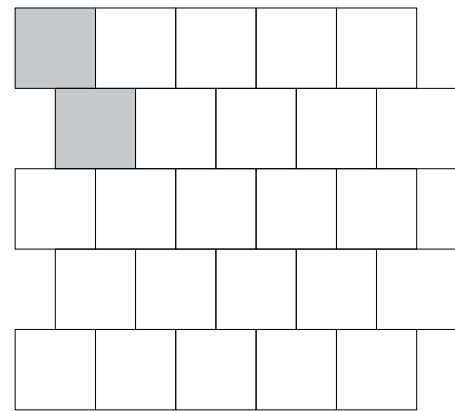
Product	Sizes	% of Area	Area
Dorado / Premium Series Pavers	6 x 12	33	60 sqft
	12 x 12	67	



P223

1/2 OFFSET RUNNER BOND

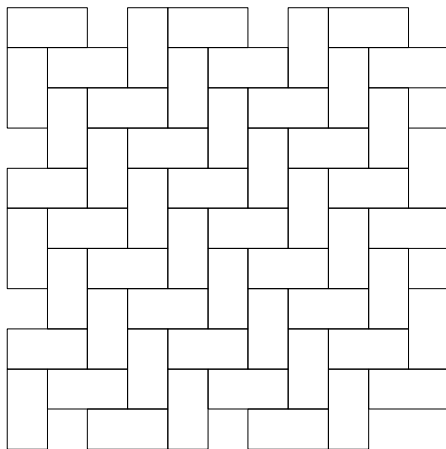
Product	Sizes	% of Area	Area
Dorado / Old Village / Urban / M-Tech / Premium Series Pavers	6 x 12	100	22.5 sqft



P224

1/2 OFFSET RUNNER BOND

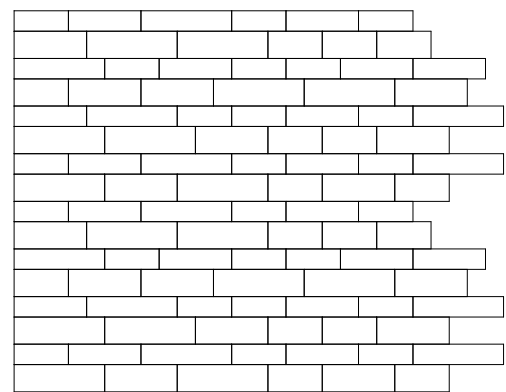
Product	Sizes	% of Area	Area
Dorado	12 x 12	100	14 sqft



P225

90° HERRINGBONE

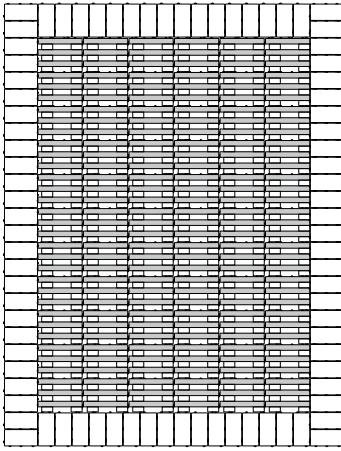
Product	Sizes	% of Area	Area
M-Tech / Premium Series Pavers	6 x 12	100	27.5 sqft



P230

LINARO RANDOM PATTERN

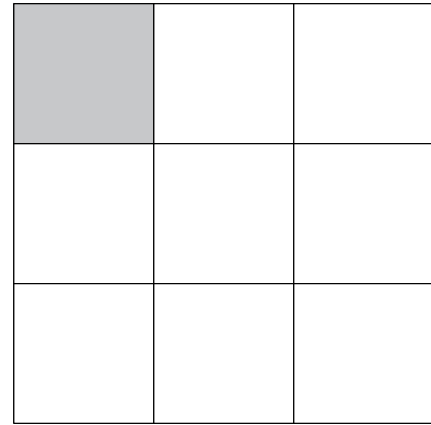
Product	Sizes	% of Area	Area
Linaro	12 x 4.5	14	57.74 sqft
	16 x 4.5	15	
	20 x 4.5	21	
	12 x 6	14	
	16 x 6	16	
	20 x 6	20	



P301

RUNNER BOND

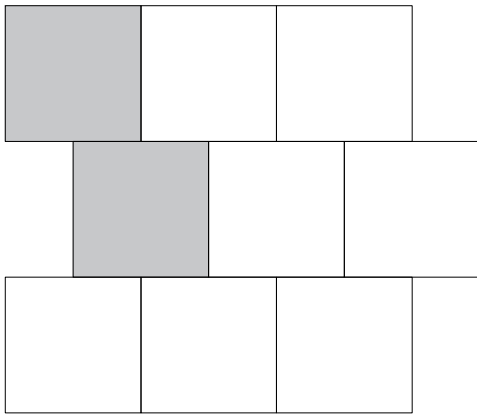
Product	Sizes	% of Area	Area
Dorado Drain Paver	9 x 12	68	73.02 sqft
Dorado	4.5 x 9	32	



P400

RUNNER BOND

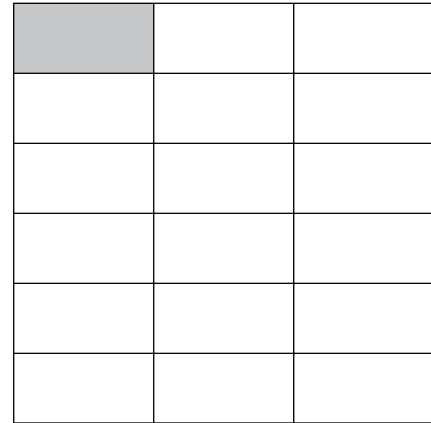
Product	Sizes	% of Area	Area
Manhattan / Premium	18 x 18	100	20.25 sqft
Dorado XL Slab / Manhattan / Premium	24 x 24	100	36 sqft



P401

1/2 OFFSET RUNNER

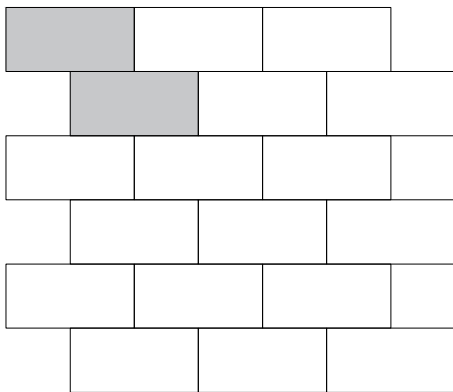
Product	Sizes	% of Area	Area
Manhattan / Premium	18 x 18	100	20.25 sqft
Dorado XL Slab / Manhattan / Premium	24 x 24	100	36 sqft



P402

RUNNER BOND

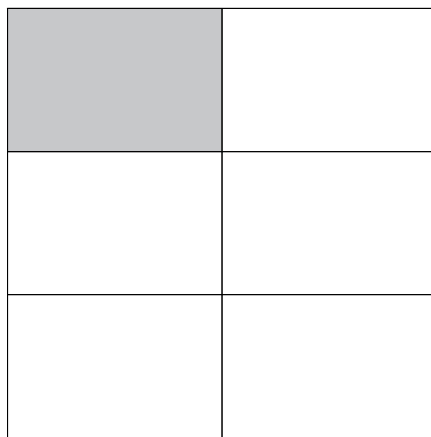
Product	Sizes	% of Area	Area
Dorado XL Slab / Manhattan / Premium	12 x 24	100	36 sqft



P403

1/2 OFFSET RUNNER BOND

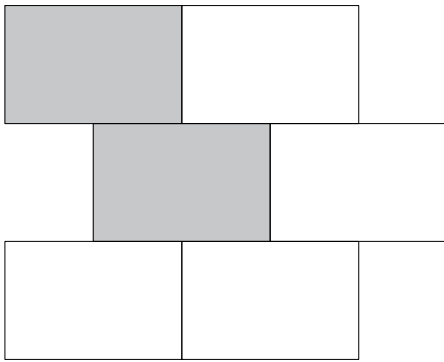
Product	Sizes	% of Area	Area
Dorado XL Slab / Manhattan / Premium	12 x 24	100	36 sqft
Manhattan	18 x 36	100	36 sqft



P405

RUNNER BOND

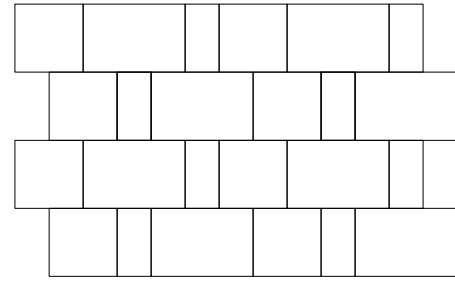
Product	Sizes	% of Area	Area
Manhattan / Premium	24 x 36	100	36 sqft



P406

1/2 OFFSET RUNNER BOND

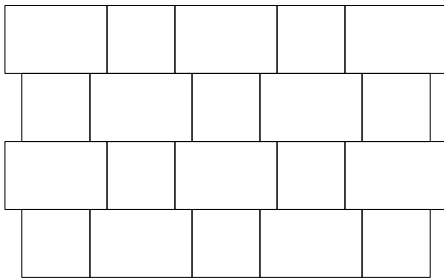
Product	Sizes	% of Area	Area
Manhattan / Premium	24 x 36	100	36 sqft



P408

1/2 OFFSET RUNNER BOND

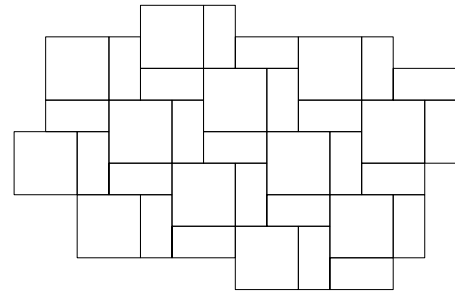
Product	Sizes	% of Area	Area
Manhattan / Premium	12 x 24	17	85 sqft
	24 x 24	33	
	24 x 36	50	



P409

1/6 OFFSET RUNNER BOND

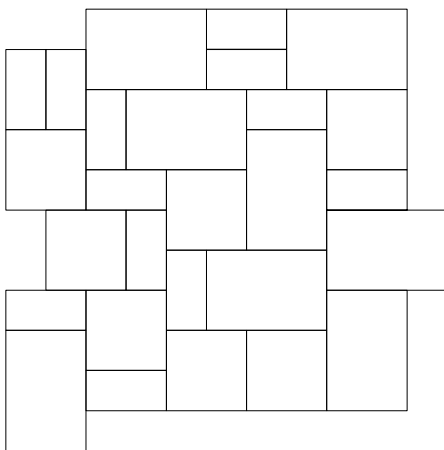
Product	Sizes	% of Area	Area
Manhattan / Premium	24 x 24	40	100 sqft
	24 x 36	60	



P410

DIAMOND PATTERN

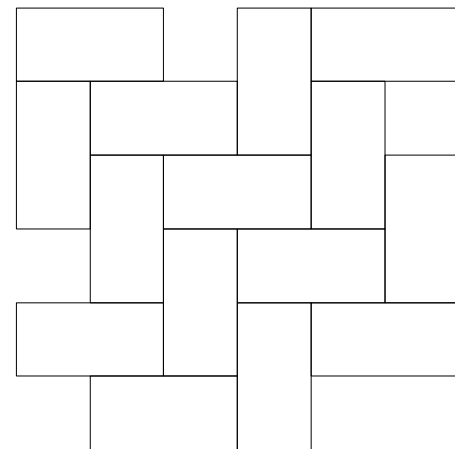
Product	Sizes	% of Area	Area
Dorado XL Slab / Manhattan / Premium	12 x 24	51	90 sqft
	24 x 24	49	



P411

RANDOM PATTERN

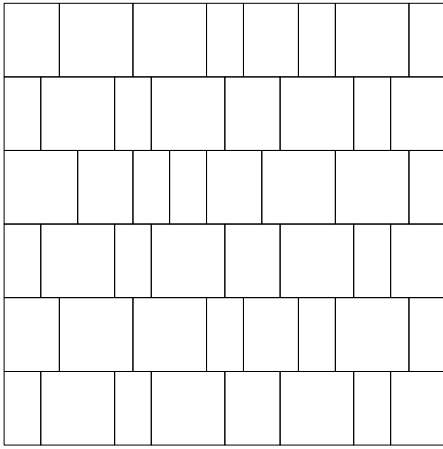
Product	Sizes	% of Area	Area
Manhattan / Premium	12 x 24	21	96 sqft
	24 x 24	29	
	24 x 36	50	



P412

90° HERRINGBONE

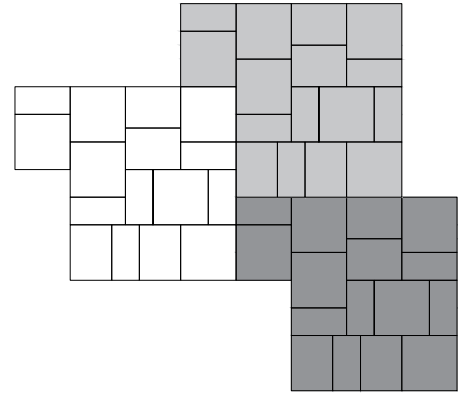
Product	Sizes	% of Area	Area
Dorado XL Slab / Manhattan / Premium	12 x 24	100	30 sqft
Manhattan	18 x 36	100	72 sqft



P500

RANDOM PATTERN

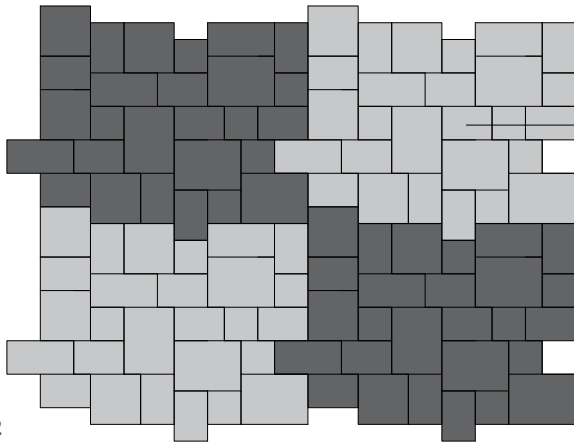
Product	Sizes	% of Area	Area
Coastal Slate / Dorado 3-Piece Combo	6 x 12	25	36 sqft
	9 x 12	25	
	12 x 12	50	



P501

RANDOM PATTERN

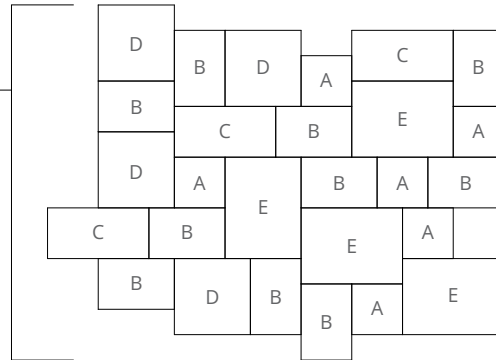
Product	Sizes	% of Area	Area
Coastal Slate / Dorado 3-Piece Combo	6 x 12	25	36 sqft
	9 x 12	25	
	12 x 12	50	



P502

5 PIECE COMBO PATTERN

Product	Sizes	Type	% of Area	Area
Old Village 5-Piece Combo / Urban 5-Piece Combo	6 x 6	A	12.5	48 sqft
	6 x 9	B	31.25	
	6 x 12	C	12.5	
	9 x 9	D	18.75	
	9 x 12	E	25	



Frequently Asked Questions

WHERE CAN I PURCHASE NEWSTONE GROUP PAVERS AND SLABS?

As the Manufacturer we produce pavers, slabs, and garden walls that meet or exceed all applicable CSA or ASTM specifications. These products are available through our extensive network of Independent Dealers. Their contact information is listed on our website www.newstonegroup.ca. Please contact them for pricing and delivery information.

WHERE CAN I USE INTERLOCKING CONCRETE PAVERS (PAVERS)?

Pavers are crafted to be versatile, suitable for a wide range of applications, including but not limited to patios and roads. The determining factors for their appropriateness in different settings lie in the specific thickness and aspect ratio of the chosen paver.

WHERE CAN I USE VIBROPRESSED SLABS (SLABS)?

These slabs are customarily engineered for non-vehicular spaces, such as patios, walkways, or plazas. Installation methods vary, with slabs being placed either on an aggregate base or supported by pedestals, depending on the specific application requirements.

HOW DO I FIND A CONTRACTOR?

There are many qualified contractors available in our region, typically a good resource for recommending the right contractor(s) is the local dealer. They will be able to match up your project with the right contractor based on scope and timing.

IS THERE AN INDUSTRY ASSOCIATION?

The Concrete Masonry and Hardscapes Association (CMHA) www.masonryandhardscapes.org is the trade association representing the segmental concrete pavement industry in Canada and the United States. Excellent resource for technical specifications and education, including tech spec 5, which dealing with cleaning and sealing your pavers and slabs, is available at: <https://www.masonryandhardscapes.org/resource/pav-tec-005-22>.

SHOULD I SEAL MY PAVERS OR SLABS?

Sealing is essential to protect against stains from organic materials, food, other contaminants, and vehicular activities. It not only preserves the appearance but also guards against long-term damage, maintaining both aesthetics and structural integrity.

HOW DO I PREVENT WEEDS?

Weeds occur when there are seed pods blown in from adjacent properties that fall into the joints and germinate. Polymeric sand is recommended as a best practice tool as Polymeric sand

is designed to resist seed pods and complete through compaction a superior interlock. When installing Polymeric sand please read and follow the manufacturer's instructions, this will aid you in accomplishing a successful install and avoiding Polymeric sand haze.

SHOULD I INSTALL PAVERS FROM DIFFERENT PALLETS OR ONE PALLET AT A TIME?

When installing pavers and slabs it is highly recommended to pull from 3 – 5 pallets at a time to avoid the striping effect in the photo below. The variation in tone is helpful in increasing the diversity of the visual experience but is only effective when they are properly dissipated throughout. The same is true for the solitary colours.



WHAT IS EFFLORESCENCE?

After several weeks or months, you might notice a white haze emerging on your paver surface, a phenomenon known as efflorescence. It can manifest randomly or in specific areas, with a more noticeable effect on dark-coloured pavers. This white haze may initially give the impression of fading colours, but when wet, it disappears, revealing enhanced paver colours. However, the white haze reappears as the pavers dry.

Efflorescence is a completely natural occurrence that resolves over time. There's no need for concern about damage or defects in your pavers; rather, it's a natural process common to all cement-based and many other paving products. Given time and exposure to the elements, efflorescence typically corrects itself.

WHAT IS THE CHEMISTRY OF EFFLORESCENCE?

All concrete products, including pavers, contain cement that produces lime or water-soluble calcium oxide. Lime may also be present in bedding sand, aggregate base materials, or soil. Despite their solid and dense nature, concrete pavers have microscopic capillaries running from the interior to the surface. Moisture from various sources, such as rain, sprinkler systems, poor drainage, or dew, infiltrates these capillaries.

Calcium oxide within the paver reacts with the water in the capillaries, forming calcium hydroxide. This compound rises to the surface, reacts with airborne carbon dioxide, and creates a white haze of calcium carbonate. When surface moisture evaporates, the efflorescence becomes visible.

HOW TO REMOVE EFFLORESCENCE?

While most paver producers incorporate chemical additives to reduce efflorescence likelihood, complete elimination is challenging due to its natural occurrence in hardened concrete. Efflorescence ceases when no more calcium hydroxide is available to migrate to the surface.

Chemical cleaners can remove surface efflorescence, enhancing the natural beauty of your concrete paver project. Consult your paver supplier for suitable cleaners.

WHEN WILL EFFLORESCENCE STOP?

Efflorescence stops when the supply of calcium hydroxide is depleted. In areas with frequent rain and sun, it may cease quickly, while drier climates might prolong the process. Generally, efflorescence stops developing in about 18 to 24 months.



Two images displayed above depict the project's progression over a 9-month timeline, showcasing the initial state and the final outcome achieved without any cleaning intervention.

WILL IT GO AWAY NATURALLY?

Efflorescence will naturally disappear over time as rainwater washes it away. Urban areas with acidic rainfall may see faster removal than rural areas due to various contributing factors.

CAN IT BE REMOVED WITHOUT THE WAIT?

Efflorescence can be cleaned with commercially available cleaners designed for concrete pavers. Prompt cleaning after its appearance is crucial, and it may need to be repeated until the efflorescence stops. Exercise caution with cleaners containing acids and detergents, following label directions and environmental regulations. Conduct a small test before applying cleaners to the entire area, ensuring the pavers are dry and free from efflorescence before applying sealers.

IS IT NORMAL TO HAVE TONE DIFFERENCES IN PAVERS?

In the realm of hardscape concrete pavers, it's quite common to encounter variations in tone. The intricate process of curing is essentially completed as these pavers are exposed to the elements, including the nurturing touch of rain and the radiant embrace of the sun. This exposure not only adds to the overall durability of the concrete but also plays a pivotal role in harmonizing the colour tones.

Furthermore, the journey to a seamless appearance continues post-installation. After these pavers undergo the meticulous steps of sanding and compacting, a transformation unfolds. Over a brief span of time, the pavers gracefully evolve, seamlessly evening out any initial discrepancies in colour. The result is not just a completed project but a testament to the dynamic interplay between craftsmanship and the natural elements, creating a hardscape that embodies both resilience and aesthetic appeal.

Why Choose Newstone Group Concrete Pavers, Slabs, or Garden Walls

AESTHETICS AND FLEXIBILITY

Pavers are considered by many homeowners and designers as a more attractive and adaptable choice than asphalt or poured concrete for their hardscape projects. Concrete pavers are available in a variety of colours, shapes, sizes, and textures. Concrete paver colours run the gamut from earth tones to rich charcoals. With their available paver sizes endless possibilities can be explored in the laying patterns from a typical herringbone to a 4- or 5-piece geometric work of art. All our Concrete Pavers, Slabs, and Garden Walls add curb appeal to any project.

DURABILITY

Our Concrete Pavers, Slabs and Garden Walls are produced in our Newstone Group manufacturing plant to exacting CSA and ASTM Standards. These standards include dimensional tolerances, strength tolerances, and Freeze Thaw tolerances. This ensures that they are a good long-term solution for your hardscape needs. Whether you are installing a driveway, a walkway, a patio, a pool surround, or a large project our products will endure.

MAINTENANCE

Properly installed pavers and slabs are a low maintenance product and will provide an attractive surface for decades when properly installed. If a concrete paver or slab needs replacement or an addition to the project is required, the paver or slab is simply pulled out in the case of repair and swapped, or in the case of the project expansion, more product is ordered from the Dealer. The Dealer delivers our factory produced pallets to your site.

COST

The cost of concrete pavers and slabs is substantially less than natural stone, with concrete pavers providing a similar aesthetic appearance. When factoring in maintenance costs and project durability, concrete pavers, and slabs, with their enhanced durability, flexibility, and aesthetics, are extremely affordable compared to other outdoor surface choices.

SAFETY

Pavers provide a safe, slip-resistant surface for pedestrian, vehicular and pool projects.



Project by Alliston Stoneworks
24"x36" Manhattan - Colour: Winter Sky and 12"x24" Manhattan - Colour: Charcoal



NEWSTONE GROUP

Check website for the most up-to-date information

NEWSTONEGROUP.CA

PAVERS • SLABS • GARDEN WALLS

*Project by Evergreen Mountain Landscape
Standard Pavers - Colour: Northern Shadow and Natural*

Products are distributed through our Dealer network.