





ROOF DECK SYSTEMS

Unilock* offers a wide variety of textures and finishes that complement any pedestal paver system or roof deck application. Roof deck hardscape systems act to protect the roof from the elements while providing additional usable space for gathering and entertaining in a unique outdoor setting.

With the many color, finish and size options available from Unilock, we will make your vision come to life.

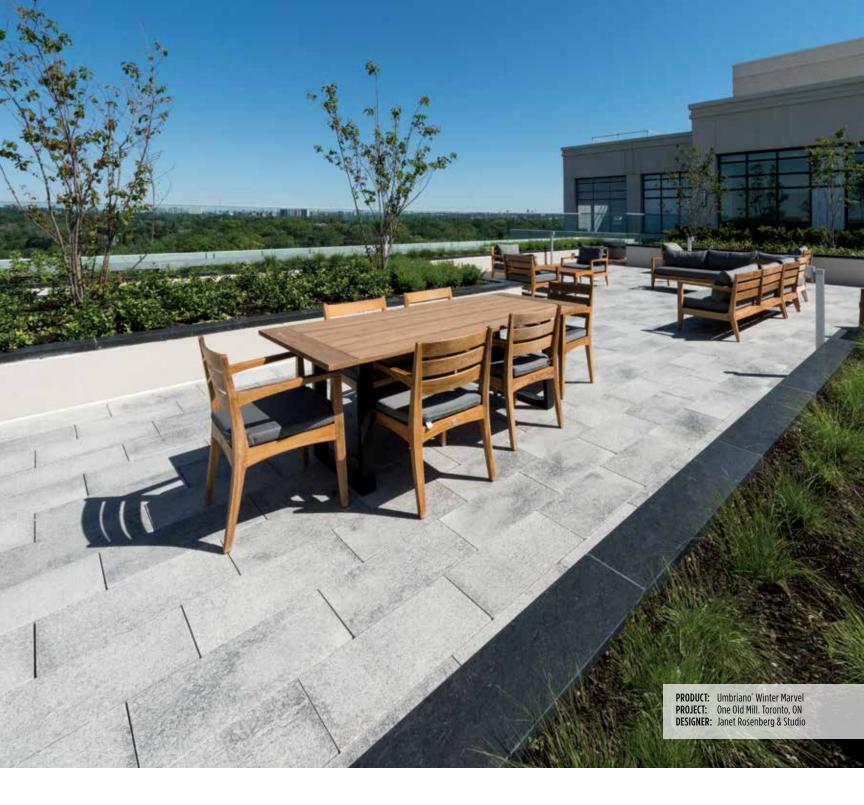
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URBAN TERRACES

In an urban environment, even the tiniest outdoor oasis can serve as a reprieve from bustling surroundings. However, tight lots can present a design challenge. Roof deck applications allow for more usage of space by providing functionality in an area that is often overlooked.

Unilock architectural slabs and retaining walls come in a wide selection of shapes, textures and colors designed to deliver high aesthetic impact and maximum function in hardscapes that are designed to complement their organic counterparts.



COMMERCIAL PROJECTS

Roof deck applications let you capitalize on previously unusable space to create a functional outdoor amenity area. The installation technologies behind suitable pavers for rooftops and pedestal systems are transforming elevated and sloped roof surfaces into outdoor amenities that are not only functional but aesthetically beautiful.

Transform existing unused roof spaces into functional outdoor amenity areas with Unilock products.

GENERAL OVERVIEW

The full line of Unilock architectural roof deck slabs, pavers, natural stone slabs and porcelain tile offer many different finish and color options. Continue design themes from on-grade to rooftop applications creating a harmonious project between building site paving and outdoor spaces.

Unilock architectural slabs are offered in six thicknesses and range from 9 lbs/sqft to 48 lbs/sqft for various roof structural weight limits.



SOLAR REFLECTANCE

Solar Reflectance Index (SRI) is a criterion used by USGBC that measures values of sunlight and reflectance from built surfaces. It is used to measure urban heat island effects in city centers. Dark pavement absorbs heat during the day and then releases it at night. This process creates a situation that causes urban centers to stay warmer all the time which contributes to air pollution and increased energy consumption. Careful selection of materials and colors can help reduce urban heat island effects.

Potential LEED* credits are available for products with an SRI greater than 33. Look for SRI values beside the color name within our product selection, where applicable.

ARCHITECTURAL SLAB OPTIONS

Measurements shown in this catalog are meant for pedestal applications. The dimensions shown are taken from the side of the paver to the side of the paver. Consult your regional Product Data Resource Guide for locally stocked colors.

THICKNESS	PRODUCT TYPES	SHAPE	PRODUCT WEIGHTS
2cm	Porcelain Tile	600 x 600mm 400 x 800mm	9 lbs/sq.ft.
2.2cm	Natural Stone	600 x 900mm 600 x 600mm 450 x 600mm 300 x 600mm	11 lbs/sq.ft.
5cm	+ Skyline™	606 x 606mm	24lbs/sq.ft.
6cm	Beacon Hill™ XL	900 x 540mm** 720 x 540mm**	27.5/sq.ft.
7cm	Umbriano* + Series" + Il Campo* + Smooth Premier Finish	600 x 600mm 400 x 400mm 300 x 600mm	33 lbs/sq.ft.
10cm	+ Umbriano° + Series" + II Campo° + Smooth Premier Finish	600 x 600mm 400 x 400mm 300 x 600mm	48 lbs/sq.ft.

⁺ Special order only (verify locally manufactured finishes with your Unilock' Representative). **Available in select markets. All sizes are nominal, please refer to finish page for actual face dimensions to establish grid spacing. Additional shapes are available, please contact your local Unilock Representative for more information.

QUALITY ASSURED

Unilock manufacturing teams have an unrelenting commitment to shipping only top quality products. Our world-class production facilities are renowned for their safety and cleanliness and are staffed with the most experienced production people in the industry. Our continual investment in the most technologically advanced equipment ensures we're able to provide the best in product quality, consistency and style.



UNILOCK PRODUCTS ARE

- | Tested from raw materials to finished product
- | Tested hourly for product density
- Designed to meet all dimensional tolerances
- | Inspected by dedicated quality control staff
- | Meet and exceed industry quality standards (ASTM & CSA)
- Durable and slip-resistant
- | Made with colorfast pigments
- Resistant to salt erosion and chlorine

TESTING SPECIFICATIONS

Unilock architectural roof deck slabs, natural stone and porcelain tile have been manufactured and quarried to meet and exceed ASTM and CSA standards. Contact your Unilock Representative for specific product results.

UNILOCK CONCRETE SLAB - MINIMUM STANDARDS					
Thickness	ASTM C140 Compressive Strength	ASTM C140 Water Absorption	ASTM C1645 Freeze/Thaw*	ASTM C1782 Flexural Strength	CSA 231.1 Flexural Strength
13/4"	8,500 PSI MIN.	5% MAX	<500 G/M2	>725 PSI AV.	>650 PSI MIN.
2"	8,500 PSI MIN.	5% MAX	<500 G/M2	>725 PSI AV.	>650 PSI MIN.
23/4"	8,500 PSI MIN.	5% MAX	<500 G/M2	>725 PSI AV.	>650 PSI MIN.
4"	8,500 PSI MIN.	5% MAX	<500 G/M2	>725 PSI AV.	>650 PSI MIN.

^{*} Results after 49 cycles

UNILOCK NATURAL SANDSTONE & LIMESTONE - UNILOCK TESTED (MINIMUM STANDARDS)				
Thickness	ASTM C170 Compressive Strength*	ASTM C97 Water Absorption by weight	ASTM C99 Flexural Strength*	
7∕8″	>25,000 (4,000 MIN.) PSI	<1.4% (3-12% MAX LIMESTONE) <0.2% (3-8% MAX SANDSTONE)	(350 PSI MIN.)	

* Tested dry

UNILOCK PORCELAIN TILE - MINIMUM STANDARDS					
Thickness	ASTM C373 Water Absorption	ASTM C1026 Freeze/Thaw	ASTM C648 Breaking Strength	ANSI 137.1 Slip Resistance	
3/4"	~0.1%	Resistant	≥ 3400 LBS	≥ 0.60	



ARCANA



Lugano (SRI 53)



23% x 23% x 2" 606 x 606 x 50mm Ideal for Pedestals



Modena (SRI 53)



17% x 23% x 2" 453.5 x 606 x 50mm



Corvara (SRI 34)



11% x 23% x 2" 301 x 606 x 50mm

ACTUAL TO SERVICE

Vivanto

ENDURACOLOR

TECHNICAL ADVANTAGES

EASYCLEAN™ STAIN RESISTANCE

Factory sealed to provide integral surface protection from stains



UMBRIANO®



Summer Wheat (SRI 48)



Harvest Brown



French Grey



Winter Marvel (SRI 38)



ENDURACOLOR

Midnight Sky



Skyline" Umbriano 23% x 23% x 2" * 606 x 606 x 50mm* Ideal for Pedestals



Skyline Umbriano 23½ x 23½ x 2" * 600 x 600 x 50mm*



23½ x 23½ x 2¾ or 4" * 600 x 600 x 70 or 100mm*



15% x 15% x 2¾ or 4" * 400 x 400 x 70 or 100mm*



11% x 23½ x 2¾ or 4" * 300 x 600 x 70 or 100mm*

TECHNICAL ADVANTAGES

EASYCLEAN™ STAIN RESISTANCE

Factory sealed to provide integral surface protection from stains

COLORFUSION™ **TECHNOLOGY**

Subtly mottled color finish



SKYLINE™ SLAB

SMOOTH PREMIER FINISH SPECIAL ORDER

ENDURACOLOR"

Ask about adding

EASYCLEAN™ STAIN RESISTANCE

to the Skyline Smooth Premier Slab



Light Buff*

White

Medium Grey*

*Stock in select regions





Charcoal Sandstone



Caramel SS0076



Muted Brown SS0075



Brown

SERIES™ FINISH SPECIAL ORDER

Natural















ENDURACOLOR

Black Granite

Golden Tan (SRI 45)

Ice Grey (SRI 38)

Mineral Ice Grey (SRI 33)

Mocha Brown

ENDURACOLOR

UMBRIANO® FINISH SPECIAL ORDER















Summer Wheat (SRI 48)

Autumn Sunset (SRI 32)

Harvest Brown

Grenada White (SRI 52)

Winter Marvel (SRI 38)

French Grey

Midnight Sky



Summer Rose



23% x 23% x 2" 606 x 606 x 50mm Ideal for Pedestals



SERIES™



Black Granite



Crystalline Basalt



Crystal Rose



Golden Tan (SRI 45)



Ice Grey (SRI 38)



ENDURACOLOR

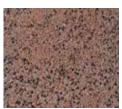
Mineral Ice Grey (SRI 33)

TECHNICAL ADVANTAGES

Granite, Quartz and Marble surface materials.



Mocha Brown -Chicago



Mocha Brown -New York



Mountain Mist (SRI 29) Onyx Black







Skyline[™] Series 23% x 23% x 2" 606 x 606 x 50mm Ideal for Pedestals



23½ x 23½ x 2¾ or 4" 600 x 600 x 70 or 100mm



 $11\%_6$ x 23% x 2% or 4"300 x 600 x 70 or 100mm



IL CAMPO°



Bavarian Blend



Mocha



Coffee Creek



Oakwood



Dark Charcoal



River



Granite Blend



Santa Fe



ENDURACOLOR

Heritage Brown



Sierra



23½ x 23½ x 2¾ or 4" 600 x 600 x 70 or 100mm

TECHNICAL ADVANTAGES

BRUSHED FINISH

Graphically interesting etched lines



BEACON HILL FLAGSTONE XL

ENDURACOLOR[®]



Almond Grove



Alpine Grey



Bavarian



Birch



Coffee Creek



Fossil



New York Blend



Platinum



River



Sierra



Slate Blue



Steel Mountain



Sycamore



Tuscany



Walnut

BEACON HILL™ SMOOTH XL

ENDURACOLOR



Bavarian



Copper Ridge



Fossil



Granite Fusion



Opal Blend



Sierra



Steel Grey



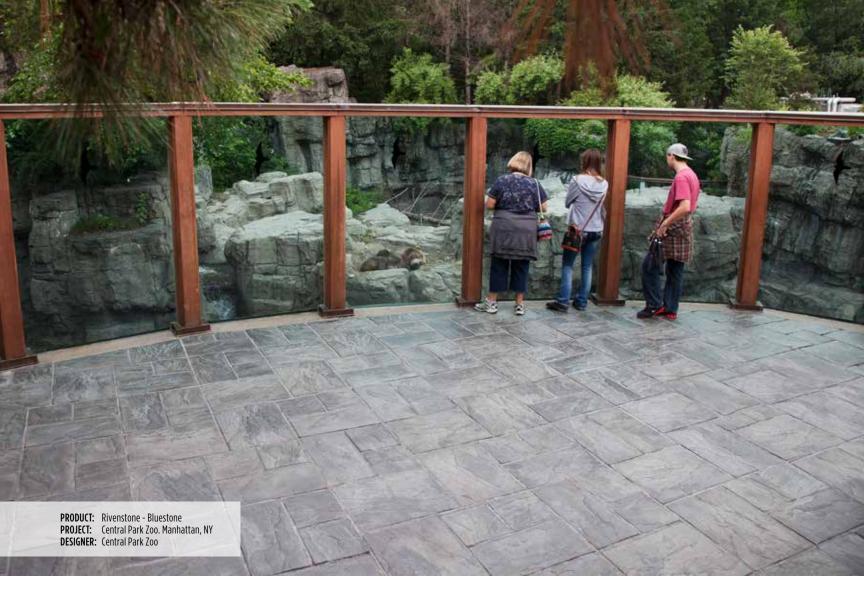
Steel Mountain



Tuscany







RIVENSTONE"







Canyon



Sahara



23½ x 30 x 1¾" 600 x 760 x 45mm

Bluestone



23½ x 23½ x 1¾" 600 x 600 x 45mm



17½ x 23½ x 1¾" 450 x 600 x 45mm



11% x 23½ x 1¾" 300 x 600 x 45mm

TECHNICAL ADVANTAGES

REALA™ TECHNOLOGY

Cast from historic brick, cobble and stone



NATURAL STONE





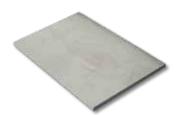
Autumn Harvest (SRI 33) Sandstone Natural Cleft Edge



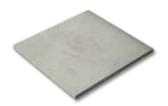
Indian Coast (SRI 55) Sandstone Sawn Edge



Stone Cliff Grey (SRI 28) Sandstone Natural Cleft Edge



23% x 35½ x %" 600 x 900 x 22mm



23% x 23% x %" 600 x 600 x 22mm



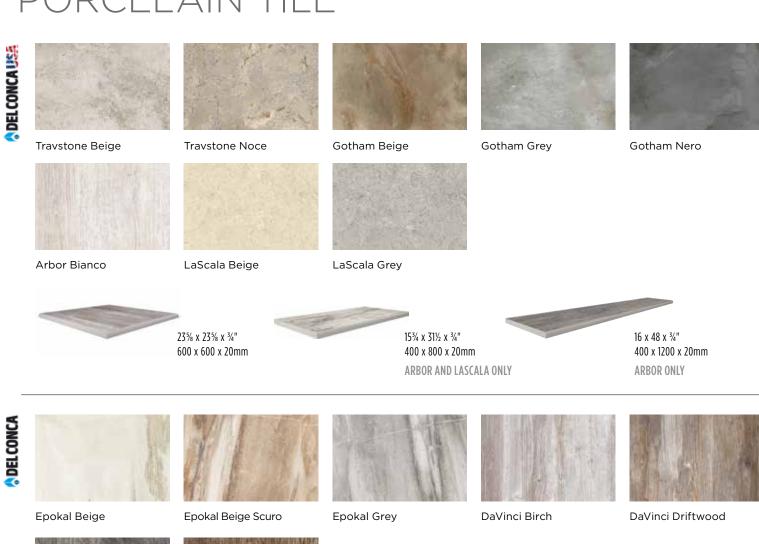
17¾ x 23% x %" 450 x 600 x 22mm



11% x 23% x %" 300 x 600 x 22mm



PORCELAIN TILE























Beola Bianca

Graustein

Eikon Gea

Eikon Titanio

Rimini





J'CARA MULTI-FACE WALL SYSTEM

The U-Cara Multi-Face Wall System lets you create one-of-a-kind walls and vertical hardscaping features with any design aesthetic. This two-component wall system, consisting of a structural base and interchangeable fascia panels, excels in strength, ease of installation, and design flexibility.

DESIGNING WITH U-CARA

STEP 1

CHOOSE YOUR U-CARA DESIGN PALETTE

Select a color and surface texture for the exterior finishing panels.



STEP 2

CHOOSE YOUR METHOD OF CONSTRUCTION

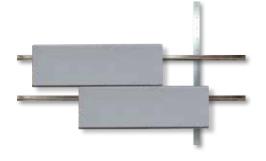
Select a structural component for your finishing panels. U-Cara panels easily slide onto the built-in tracks of the **Segmental Backer Block System**, **Prefabricated Modular System** or **Wall Mount System**.



SureTrack™ Backer Blocks



U-Cara Modular System



U-Cara Wall Mount System

STEP 3

CONSULT A UNILOCK REPRESENTATIVE FOR CROSS SECTIONS AND DESIGN DETAILS

U-CARA® DESIGN PALETTE

U-Cara fascia panels are available in a variety of colors and textures, including Unilock' EnduraColor finishes, allowing for patterning, inlays, and texture changes. The versatility of panel options gives designers the ability to flex their creativity and extend patterning and finishes from groundwork to vertical.

UMBRIANO® FINISH



FRENCH GREY



MIDNIGHT SKY



WINTER MARVEL



SUMMER WHEAT

TECHNICAL ADVANTAGES

ENDURACOLOR

Refined surface and long-lasting color

COLORFUSION™ TECHNOLOGY

Subtly mottled color finish

SERIES™ FINISH





BLACK GRANITE

ALSO AVAILABLE IN 3" PANEL

TECHNICAL ADVANTAGES

ENDURACOLOR®

Refined surface and long-lasting color Granite, Quartz and Marble surface materials.

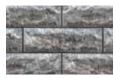
PITCHED FINISH



BAVARIAN



FOSSIL



GRANITE FUSION



OPAL BLEND





SIERRA



STEEL GREY



STEEL MOUNTAIN

TECHNICAL ADVANTAGES

ENDURACOLOR

Refined surface and long-lasting color

SMOOTH PREMIER FINISH



ALMOND GROVE FUSION



BAVARIAN



FOSSIL



GRANITE FUSION



GRAPHITE



OPAL BLEND



SIERRA



TUSCANY

TECHNICAL ADVANTAGES

ENDURACOLOR"

Refined surface and long-lasting color

U-CARA FASCIA PANELS

The standard size fascia panel is $6" \times 18\frac{1}{2}"$. Closed-end corner units and half-size panels are sold as a separate bundle to facilitate automatic offset joints without cutting. Use these standard size panels alone or in combination with smaller $3" \times 9\frac{1}{4}"$ fascia panels, which are available in selected colors and finishes for accenting.

CORNER BUNDLE



6" STANDARD FASCIA PANEL 6 x 18½ x 2¾" 150 x 466 x 60mm



STANDARD FASCIA HALF PANEL 6 x 9¼ x 2¾" 150 x 233 x 60mm



CLOSED-END FASCIA PANEL 6 x 21 x 2¾"
150 x 540 x 60mm



3" FASCIA PANEL
3 x 9¼ x 2¾"
75 x 233 x 60mm
SERIES FINISH ONLY



U-CARA® CONSTRUCTION OPTIONS

SURETRACK™ BACKER BLOCKS

U-Cara SureTrack backer blocks are segmental retaining wall units that create strong and dimensionally accurate structures for vertical landscape features. The backer blocks allow for structural and non-structural walls, single or double sided.



SURETRACK STANDARD BACKER

6 x 8 x 6" 150 x 200 x 150mm



SURETRACK LARGE BACKER

6 x 7 x 12" 150 x 175 x 300mm



NEW SURETRACK CORNER BACKER

6 x 7 x 12" 150 x 175 x 30mm

APPLICATIONS

| Single-Sided Walls

Double-Sided Walls

Garden Walls & Steps

| Fire Pits

Water Features

Engineered Walls

U-Cara fascia panels hang easily on the patented **SureTrack*** backer block



U-CARA CONSTRUCTION OPTIONS

U-CARA MODULAR SYSTEM

U-Cara is also available as a modular system for easy installation of grill islands, pillars and other free standing architectural features. The structural component of this system is made of prefabricated aluminum frames and the finished exterior is achieved by hanging the U-Cara fascia panels on the built-in tracks.

BASE MODULE



Fascia Panel Module Dimensions 32 ½" x 69 ½" (Outside to Outside) Height 45" including coping

GRILL MODULE



Fascia Panel Module Dimensions 32 ½" x 69 ½" (Outside to Outside) Height 45" including coping

PILLAR MODULE



Fascia Panel Module Dimensions 24" x 24" (Outside to Outside) Height 45" including coping

APPLICATIONS

Standalone Bar Tables

| Fire Tables

| Grill Islands

| Full Size Outdoor Kitchens

| Barriers & Dividers

Planters

U-Cara fascia panel hang easily on the built-in tracks of the modular frame.



U-CARA® CONSTRUCTION OPTIONS

U-CARA WALL MOUNT SYSTEM

The U-Cara Wall Mount System is an adaptation of the wall system. The structural component of this system consists of galvanized steel alignment bars and rails. This system allows the U-Cara fascia panels to be mounted directly to substrate materials such as plywood or concrete.

VERTICAL ALIGNMENT BAR

38 5/8" tall
Eliminates the need to measure for panel spacing
Pre-Punched every 3" to accommodate both 3" & 6" panels
Installed 32" apart

HORIZONTAL RAIL

8ft long with pre-punched holes every 8"

Can be used on both concrete and wood substrates

APPLICATIONS

| Wall Cladding

Integrated Landscape Features

| Building Veneer

| Aesthetic Foundation Coverings

U-Cara fascia panels hang easily on the rails



BENEFITS OF USING U-CARA IN AMENITY DESIGNS

Enhance roof deck spaces with stunning and practical architectural features designed with U-Cara.

1. BUILT-IN ROOF DECK AMENITIES

Added amenities such as water features, fire pits, bar islands, grilling stations, outdoor kitchens, and community garden planters add to property value and can provide an elevated experience for building residents, whether in a multi-family, condominium or office setting. U-Cara Multi-Face Wall System and Modular System enable you to seamlessly integrate these elements into your designs.

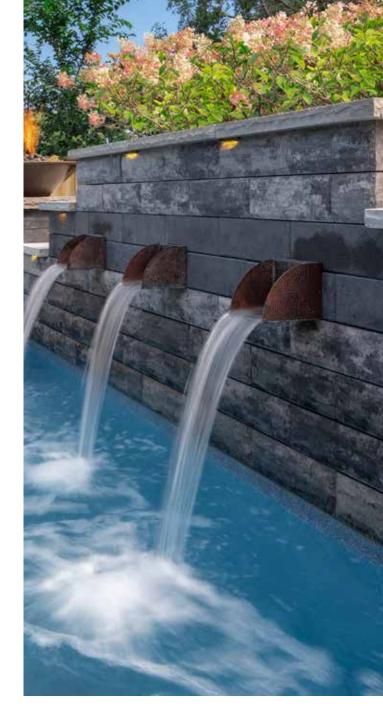
2. PLACEMAKING ELEMENTS

U-Cara can be used to create barriers and dividers to define spaces that may serve different purposes, from relaxation and seating areas, to cooking stations, or play areas. It can also be used to carve out walkways guiding individuals through an outdoor space.

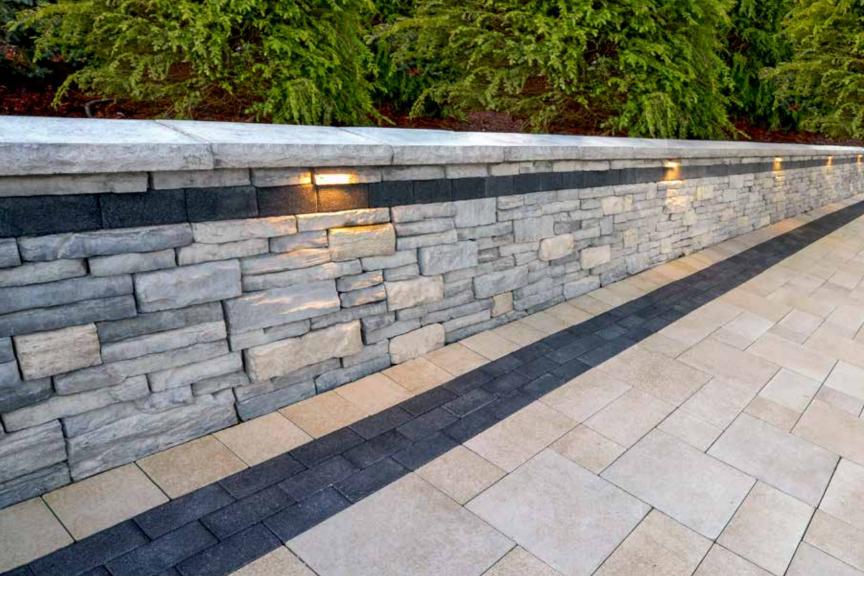
3. COORDINATION WITH UNILOCK PAVERS

The diversity of U-Cara fascia panels allow for seamless coordination of vertical hardscaping elements with corresponding Unilock paver finishes and colors.

WITH U-CARA, THE ONLY LIMIT IS YOUR IMAGINATION.







RIVERCREST® WALL



In 2013, Rivercrest Wall received the "red dot" award for high design quality and innovation.



reddot www.registration.pd.red-dot.de





TECHNICAL ADVANTAGES

REALA™ TECHNOLOGY

Cast from historic brick, cobble and stone

Buff







12 x 9-10 x 21/4" 310 x 230-250 x 60mm



Coastal Slate

RANDOM WALL BUNDLE

12 x 9-10 x 21/4" 310 x 230-250 x 60mm



17 x 9-10 x 21/4" 425 x 230-250 x 60mm



17½ x 9-10 x 2¼" 450 x 230-250 x 57mm



14½ x 9-10 x 2¼" 375 x 230-250 x 57mm

JUMPER WALL BUNDLE



8 x 9-10 x 4½" 200 x 230-250 x 114mm



310 x 230-250 x 114mm



12 x 9-10 x 4½" 310 x 230-250 x 114mm



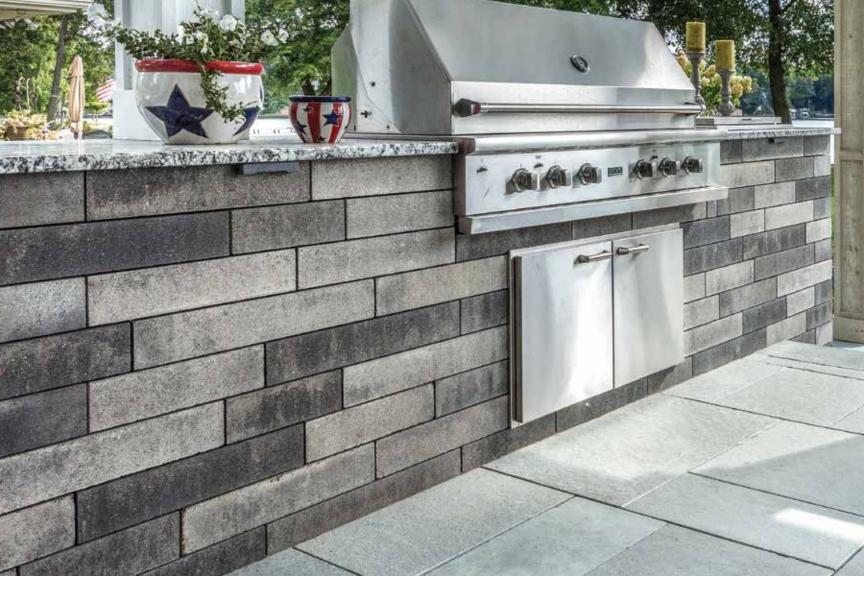
17 x 9-10 x 4½" 425 x 230-250 x 114mm



Jumper Corner 12 x 9-10 x 4½" 310 x 230-250 x 114mm



Universal Base Unit 2 x 19 x 14" 55 x 482 x 355mm



LINEO" DIMENSIONAL WALL













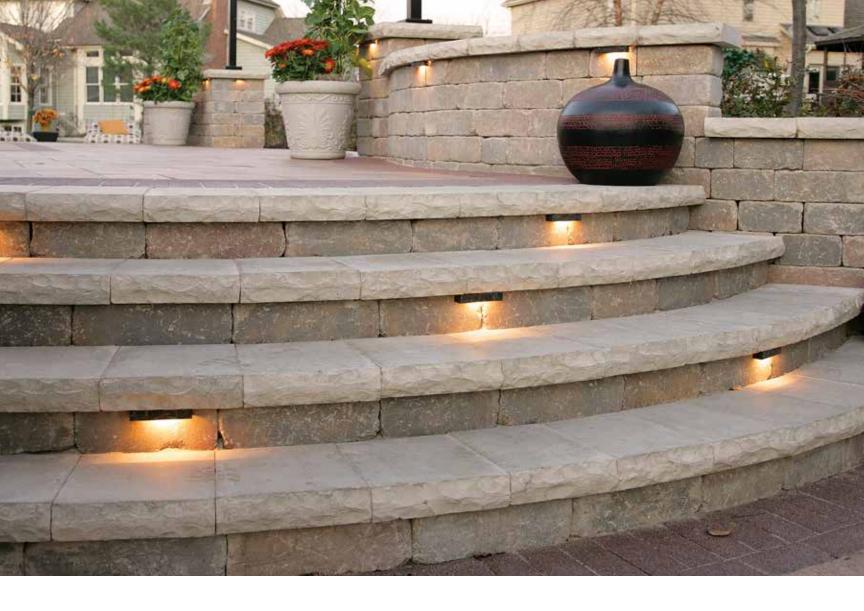
16 x 4 x 8" 300 x 100 x 200mm 400 x 100 x 200mm

20 x 4 x 8" 500 x 100 x 200mm

24 x 4 x 8" 600 x 100 x 200mm

Pillar Unit 16 x 4 x 8" 400 x 100 x 200mm

Universal Base Unit 2 x 19 x 14" 55 x 482 x 355mm



WALL COPING OPTIONS





TECHNICAL ADVANTAGES

REALA™ TECHNOLOGY

Cast from historic brick, cobble and stone



Coping Unit 12 x 24 x 2¾" 305 x 610 x 75mm



Fullnose Unit 12 x 24 x 23/8" 305 x 610 x 60mm



Large Coping Unit 30 x 13½ x 2¾" 122 x 61 x 7cm







Autumn Harvest

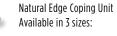


Stone Cliff Grey



Black River

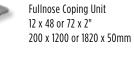




16 x 48 or 72 x 2" 400 x 1200 or 1820 x 50mm









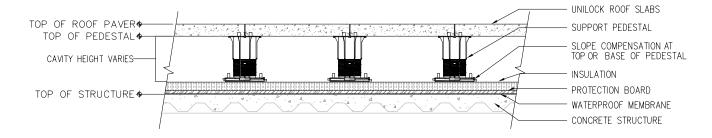
ROOF DECK INSTALLATION SYSTEMS

The cross sections below are examples of the type of installation system and technical features of Unilock products. Unilock shall not be deemed responsible for improper use of the product or of damage deriving from any use different from those recommended and/or installation procedures not in line with the following instructions relevant to a raised installation.

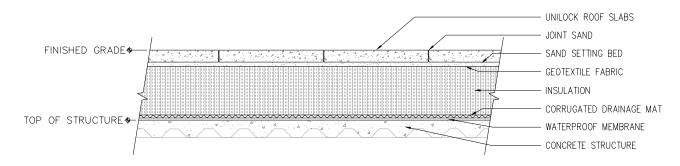
All roof top slab/pedestal installations must be engineered by a professional engineer.

PEDESTAL SYSTEM

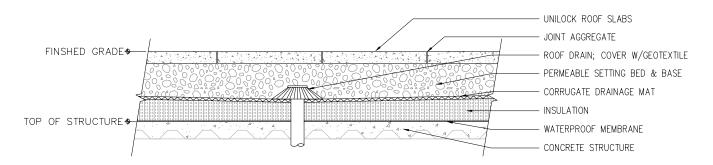
Unilock offers adjustable and stackable pedestal systems for your project. Contact your Unilock Representative to learn more. Specific installation details may vary based on pedestal height, load-bearing requirements, safety standards and wind-lift.



SAND SET WITH DRAINAGE MAT AND INSULATION

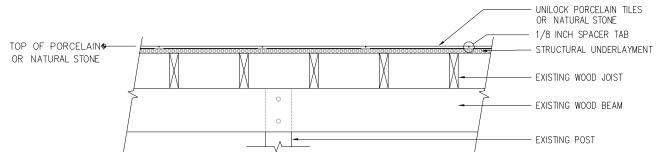


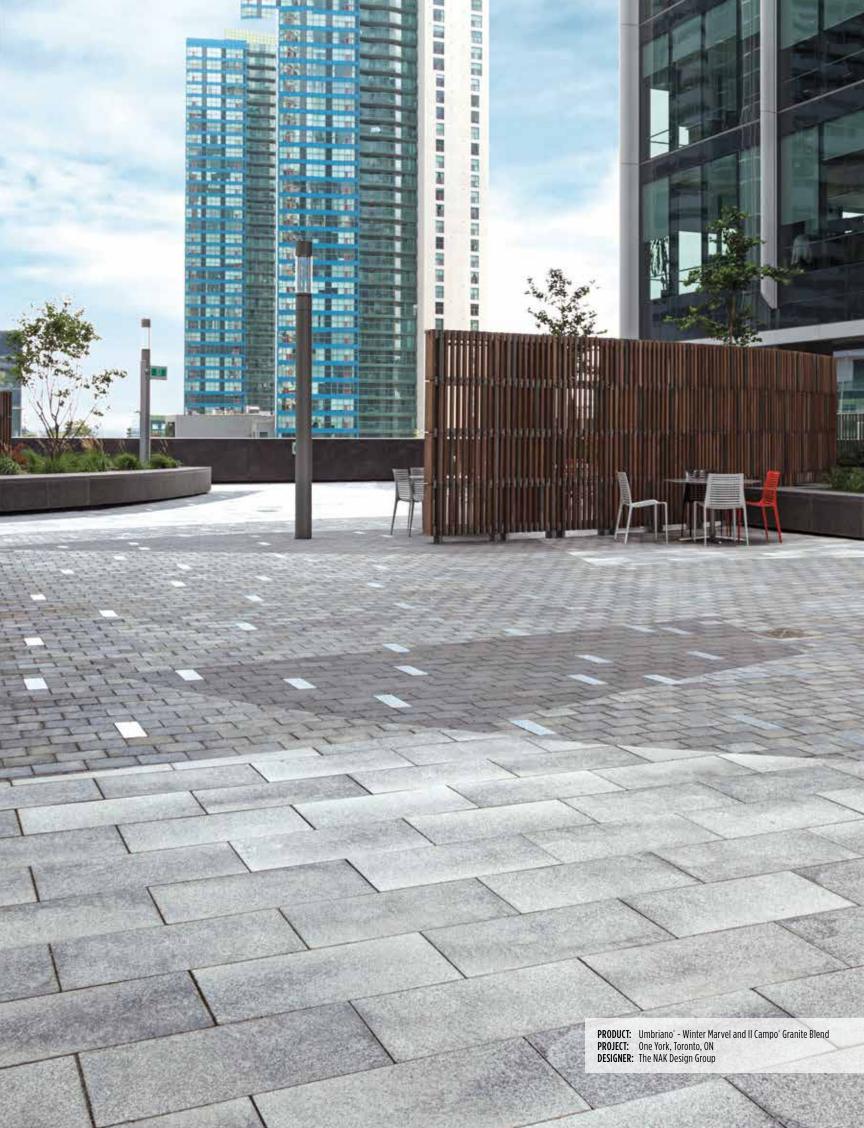
GRANULAR BASE SYSTEM



DECK RETROFIT SYSTEM

Unilock offers structural underlayment systems for your project. Contact your Unilock Representative to learn more.







UNILOCK.COM | 1-800-UNILOCK

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MID-ATLANTIC TORONTO (202) 798-2060 (416) 646-9000

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COVER PHOTO: PRODUCT: Sklyline"- New York Blend in Smooth Premier Finish **PROJECT:** 99 Tremont @ Oak Square, Brighton, MA **DESIGNER:** Radner Design Associates, Inc.

