

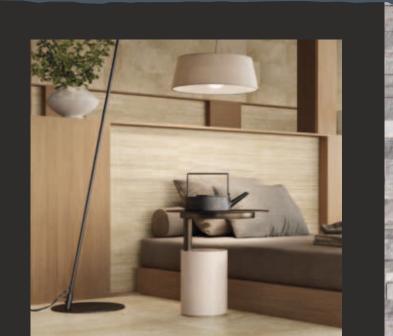
2025 EDITION







THE FUTURE OF TRADITION





A new landmark in the porcelain industry

Landmark Ceramics is an American company, based in Tennessee that has set out to research, manufacture and sell top quality porcelain ceramics in North America. Technological innovation, market presence, attention to detail, the welfare of people and the environment, efficient service and a thorough product range make Landmark a new benchmark in the North American market for those who are looking for a reliable partner for any building and architecture project using US made top quality porcelain material.

LEARN MORE ABOUT



CONTEMPORARY WALL DESIGN

Traditional Veneer is reimagined to preserve its beauty and authentic stone feel, while pushing boundaries of material excellence thanks to highly performing porcelain veneer. Refined, modern surfaces, impervious to extreme temperature and unpredictable weather, immune to the signs of time. The tradition has a new future with porcelain veneers.



PROJECT

FLOOR DESIGN Charme Calacatta Gold 24"x48" WALL DESIGN Veneer World Pro Ledgestone Alpine Alaska - 6"x24"

VERSATILITY & CONTINUITY FOR YOUR PROJECTS

ANY SPACE

Thanks to highly performing materials and convenient installation methods, Landmark's Veneer World meets the demands of any environment, no matter the technical requirements.

ANY LOOK

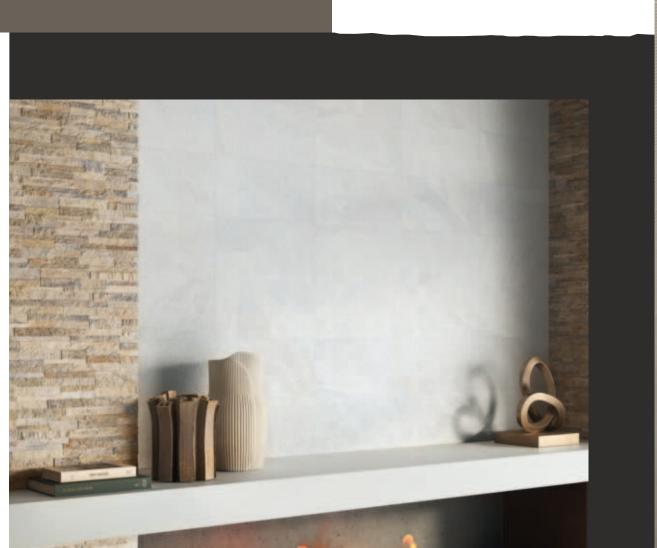
One of the vastest and most versatile collections of wall surfaces, with a wide range of colors you can mix and match according to your needs.

ANY MOOD

Warm and welcoming or cool and modern, for homely residential spaces or edgy commercial settings. Cutting edge and squared shapes or natural and raft surfaces.

ANYWHERE

In & Out continuity is guaranteed by a line of products suitable for both indoor and outdoor spaces, which can easily be matched to other collections.



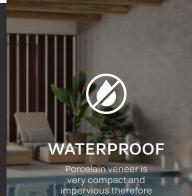


HIGHLY PERFORMING TECHNICAL SURFACES



FIRE

Porcelain veneer doesn't burn, melt or give off toxic fumes



doesn't absorb. With

tile vou'll never have

to worry about water.

FROST

RESISTANT

Snow, Ice and Salt. Porcelain

veneer in fact is made by high

to frost, snow, salt and ice.

is nearly impenetrable. This keeps fine dirt particles from



LIGHT WEIGHT APPROX 4 LBS/FT²

Porcelain veneer is a thin and therefore light weight material of approximately 4lbs/sqft. This means both less unnecessary pounds onto walls and cost saving in transportation and installation



SCRATCH RESISTANT

Porcelain veneer is strong, hard and resistant to most type of scratches.

ZERO

ALLERGENES

Porcelain veneer is both hard and impervious therefore inhospitable to dust mites, bacteria, fungi, mold and other irritants.



ENERGY EFFICIENT

Tile's inherent thermal mass reduces peak heating and cooling, which helps to moderate temperature swings in your home.

ZERO

VOC & PVC

Porcelain veneer is completely

PVC and VOC (volatile organic compound) free that means a

healthier home for you.



DOESN'T BEND



ZERO FORMALDEHYDE

incidence of asthma.
Tile has zero formaldehyde.



PLASTIC FREE

Being composed of natural ingredients such as clays, quartz and feldspars and then fired up to 2500 F, porcelain veneer is 100% healthier living environment



RESISTANT

when exposed to fire.



MOLD **RESISTANT**

temperatures, porcelain veneer

UV

RESISTANT

Porcelain veneer is fired

at 2500 degrees which

allows it to resist to

sun light and UV rays

without being effected

in any way, even when

exposed to the worst



ACID RESISTANT

Porcelain veneer is Inert, hard and because of its imperviousness, it withstands even the most aggressive chemical detergents and acid substances.



VERY LONG SERVICE LIFE

Porcelain veneer when properly installed and maintained can last for decades.



ZERO SMOKE DEVELOPMENT

gives off toxic fumes, even



ECO FRIENDLY & RECYCLABLE

Porcelain veneer is one of the most eco-friendly wall covering options available. From the production process to the installed materials, porcelain veneers can in fact be reused generation after generation. In addition, packaging and boxing are both 100% recyclable for a full respect of the environment.



COST SAVING OVER TIME

products that need to be replaced

STAIN RESISTANT Porcelain veneer is a very reliable, hygienic, and easy-to-

clean material that will never be affected by any permanent type of stain.



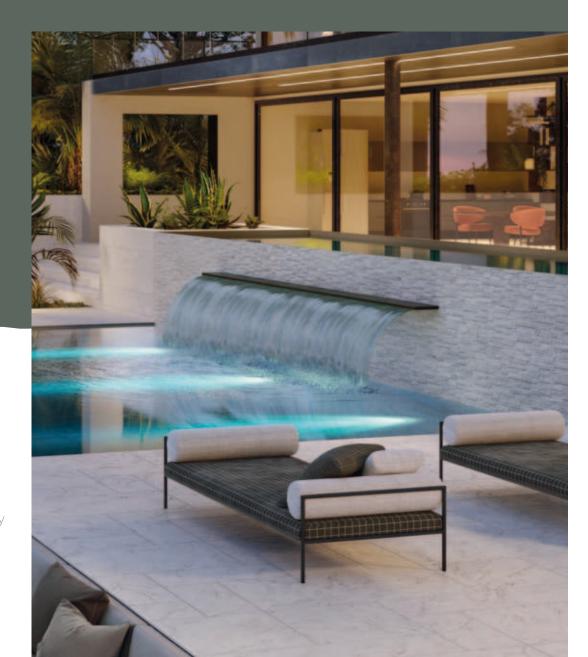
TOTAL LOOK SOLUTIONS

Veneer World is the most comprehensive line of porcelain veneers for outdoor environments and indoor spaces, redefining the longstanding American tradition of stone-inspired walls and decors.

A vast selection of solid surfaces for total look projects, ensuring in & out continuity to match Landmark's endless portfolio of looks, colors and surfaces.



AMERICAN STONES



Inspired by genuine American stones of architectural and historic significance, Landmark's Veneer World faithfully replicates the rugged texture of nature for solid exteriors, while providing a sense of warmth and hospitality to elegant interiors.







STUNNING OUTDOOR ENVIRONMENTS

- Walls
- Porches
- Swimming Pools
- Fire-pits
- Outdoor Kitchens
- Retaining Walls
- Outdoor Facades

PROJECT

OUTDOOR FLOOR DESIGN
Frontier 20 Travertine Select Cross Cut Pearl - 24"x24"
OUTDOOR WALL DESIGN
Veneer World Atelier Bamboo Vein Cut Pearl - 12"x24"

ELEGANT INDOOR SETTINGS

- Living spaces
- Partitions
- Fireplaces
- Backsplashes
- Decorative Walls
- Spas

PROJECT

WALL DESIGN
Veneer World Atelier Groove S Grey Select - 12*x24*
FLOOR DESIGN
Spirit Old Maple - 12*x48*



UNIQUE RESIDENTIAL ATMOSPHERE

Veneer World is American living: an opportunity to make your home unique and representative of your taste and personality, contributing to the creation of beautiful settings for everyday comfort.

PROJECT

FLOOR DESIGN
Vision Pearl - 24*x48"
WALL DESIGN
Veneer World Pro Ledgestone Bluestone Tumbled - 6*x24"

PRESTIGIOUS COMMERCIAL SPACES

Stunning, convenient surfaces designed to meet the demands of commercial locations. Make your business stand out thanks to creative combinations of veneers and tiles from Landmark's portfolio.

PROJECT

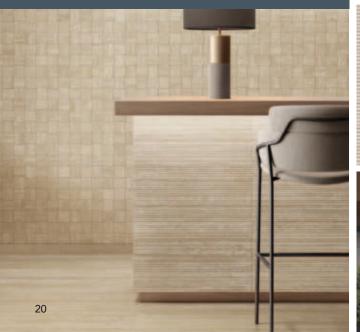
VENEER WORLD

Veneer World Atelier Combed Essence Montauk Grey - 12*x24* FLOOR DESIGN

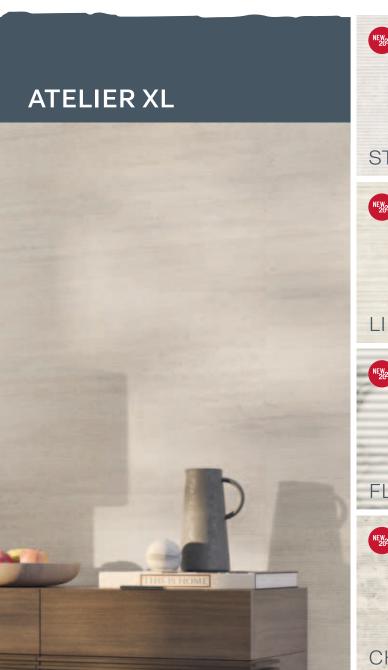
THREE DIFFERENT FAMILIES, TWELVE DISTINCTIVE SURFACES

ATELIER

Atelier by Landmark introduces a new dimension to Veneer World with its sophisticated three-dimensional surface design. Thin lines of varying thicknesses, shapes and dimensions create a harmonious interplay of textures, perfect for elevating modern indoor and outdoor settings with a touch of creative elegance.





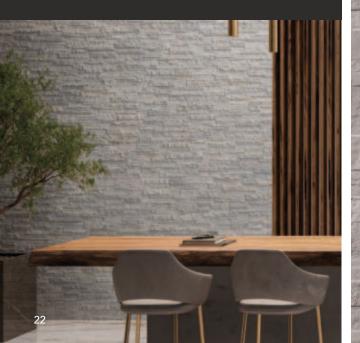




THREE DIFFERENT FAMILIES, TWELVE DISTINCTIVE SURFACES

PRO Ledgestone

An elegant finish, highly suitable for indoor spaces or smooth outdoor environments, combining contemporary design and refined taste. Pro ledgestone recreates the patterns of stonework using stacked ledge with ideally no joints thanks to perfect cuts and professional installation.



URBAN





ATELIER

Contemporary material meets the heritage coming from the stone surface treatment tradition.

Sand blasting, brushing, hammering, carving and engraving all skillfully blended together to complete the offering of Veneer World with a touch of preciousness and elegance.

Atelier is designed to be used in every vertical application, from small walls and backsplashes to façades, both indoor and outdoor, to give unique personality to every project where special attention is needed.

COLLECTIONS

- 1.1 Groove S Indiana Salem
- 1.2 Groove L Indiana Salem
- 1.3 Dynamic Indiana Salem
- 1.4 Combed Essence
- 1.5 Wave Infinity
- 1.6 Bamboo Trail

ATELIER GROOVES

Scratched finish that blends the elegance of natural stone with a 3D surface effect.

The brushed and hammered embossed texture creates special plays of light and shadow, along with surface scratches, enhancing the decorative added value of the product.

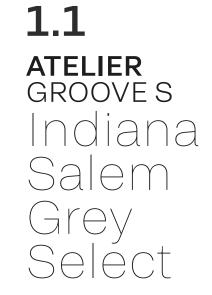


PROJECT

WALL DESIGN
Salem Buff Select - 19"y94"

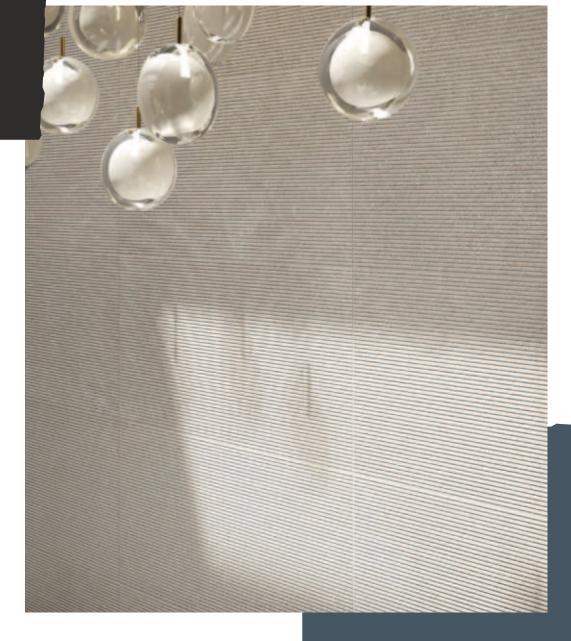






PROJECT WALL DESIGN

Veneer World Atelier Groove S Indiana Salem Grey Select - 12"x24"



PROJECT

WALL DESIGN
Veneer World Atelier Groove S
Indiana Salem Grey Select - 12"x24"

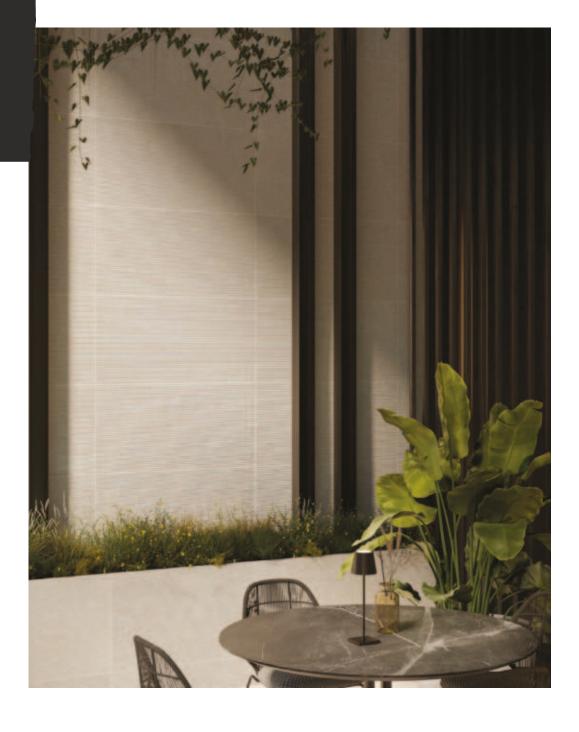
1.1 ATELIER GROOVES Indiana Salem Grey Select

PROJECT

WALL DESIGN
Veneer World Atelier Groove S
Indiana Salem Grey Select - 12"x24"
FLOOR DESIGN
Spirit Old Maple - 12"x48"

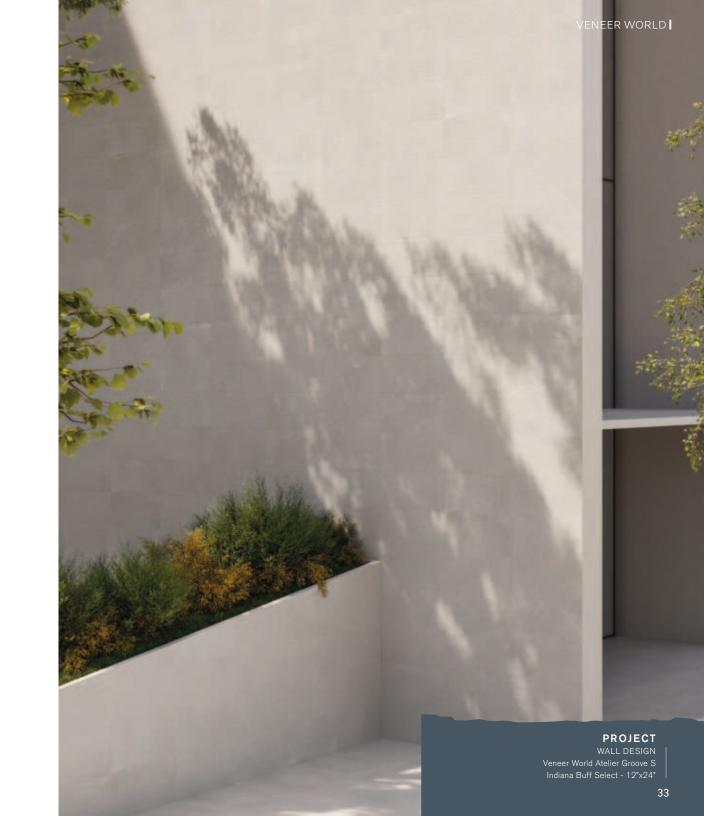


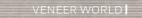
1.1 **ATELIER** GROOVES Indiana Salem Buff Select





Veneer World Atelier Groove S Indiana Salem Buff Select - 12"x24"





ATELIER GROOVES

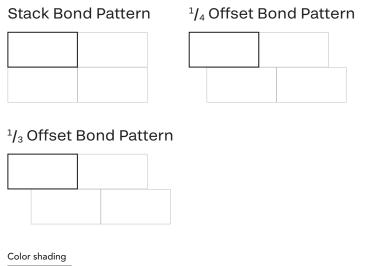
INDIANA SALEM

ATELIER GROOVES

BUFF SELECT



Stack Bond Pattern ¹/₄ Offset Bond Pattern ¹/₃ Offset Bond Pattern Color shading



INDIANA SALEM

GREY SELECT



ATELIER GROOVE L

Same scratched finish as Groove S, but with a larger gap among scratches, that elevates natural inspiration through an innovative technology to create a simple and elegant decoration.

PROJECT WALL DESIGN

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Veneer World Atelier Groove L Indiana Salem Buff Select - 12*x24*

OUTDOOR FLOOR DESIGN



1.2 ATELIER GROOVE L Indiana Salem Buff Select

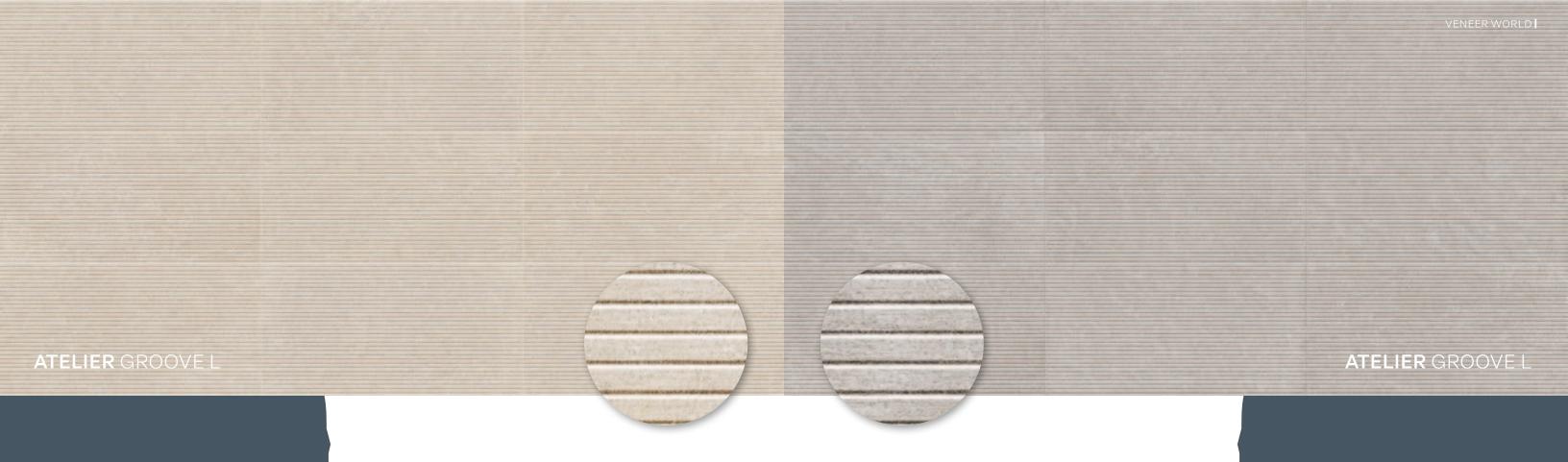
PROJECT

WALL DESIGN
Veneer World Atelier Groove L Indiana Salem Buff Select - 12"x24"
OUTDOOR FLOOR DESIGN
Frontier20 International White - 24"x24"

ATELIER GROOVE L

1.2
ATELIER
GROOVE L
Indiana
Salem
Buff
Select

PROJECT WALL DESIGN Veneer World Atelier Groove L Indiana Salem Buff Select - 12"x24" Veneer World Atelier Groove S Indiana Salem Grey Select - 12"x24" FLOOR DESIGN Frontier20 Explore Everest Dark - 24"x24"



INDIANA SALEM BUFF SELECT



Stack Bond Pattern ¹/₄ Offset Bond Pattern ¹/₃ Offset Bond Pattern Color shading

Stack Bond Pattern ¹/₄ Offset Bond Pattern ¹/₃ Offset Bond Pattern Color shading

INDIANA SALEM

GREY SELECT



V2

ATELIER DYNAMIC

Elaborated finish with multiple geometries on the surface, able to offer a contemporary solution that reserves the natural touch of the stone, characterized by micro lines running along the undulating dunes of the surface.

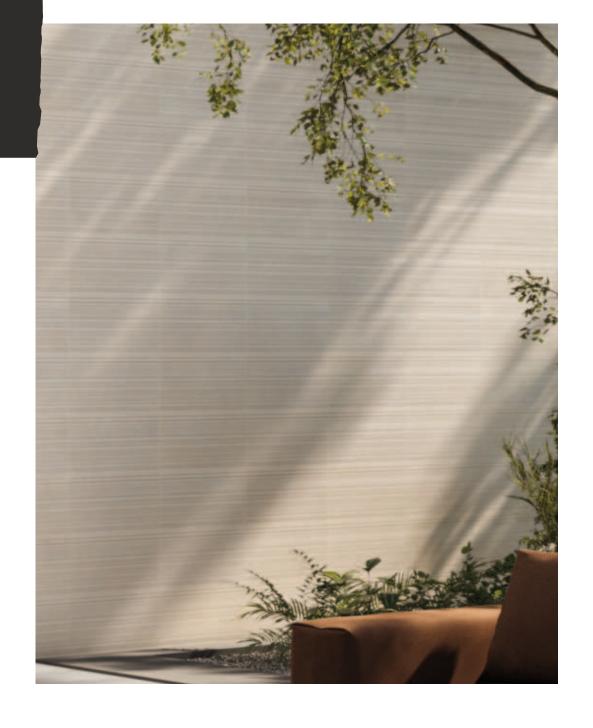




1.3
ATELIER
DYNAMIC
Indiana
Salem
Buff
Select

PROJECT

1.3
ATELIER
DYNAMIC
Indiana
Salem
Buff
Select



PROJECT

WALL DESIGN

Veneer World Atelier Dynamic Indiana Salem Buff Select - 12"x24"





INDIANA SALEM BUFF SELECT



Stack Bond Pattern ¹/₄ Offset Bond Pattern ¹/₃ Offset Bond Pattern Color shading

¹/₄ Offset Bond Pattern Stack Bond Pattern ¹/₃ Offset Bond Pattern Color shading

INDIANA SALEM

GREY SELECT



ATELIER

1.4
ATELIER
COMBED

Atelier Combed introduces a new decorative solution within Landmark's Veneer World: a 3D texture characterized by bold grooves. The linear striations along with the interplay of shadows and light evoke the essence of traditional handcrafted tooled surface to showcase a combination of natural and geometric elements for a distinctive visual appeal.

PROJECT

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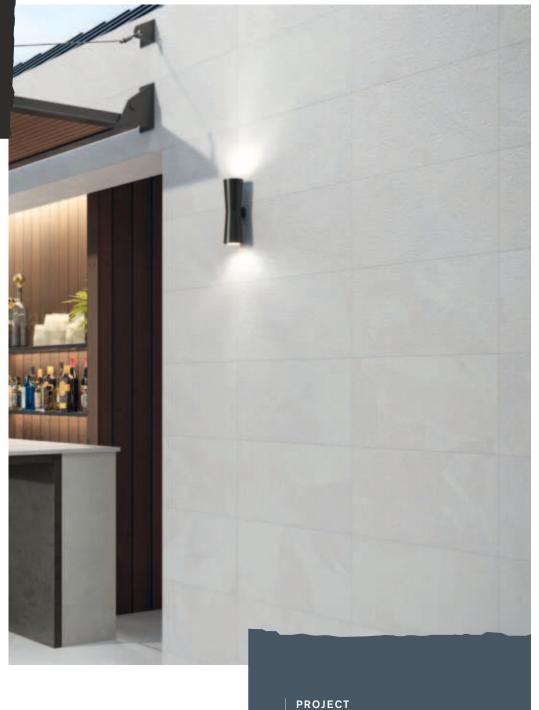
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WALL DESIGN Veneer World Atelier Combed Essence Montauk Grey - 12"x24"

1.4 ATELIER COMBED Essence Montauk White



Montauk White - 12"x24"





1.4 ATELIER COMBED Essence Montauk Grey

PROJECT

WALL DESIGN

Veneer World Atelier Combed Essence Montauk Grey - 12"x24" COUNTER DESIGN

Essence Refined Montauk Grey - 24"x48"



1.4 **ATELIER** COMBED Essence Montauk Black

PROJECT

OUTDOOR FLOOR DESIGN

Frontier20 Montauk Black - 24"x48" - 12"x24" FIREPIT

VENEER WORLD ATELIER COMBED ATELIER COMBED

ESSENCE MONTAUK WHITE



¹/₄ Offset Bond Pattern Stack Bond Pattern ¹/₃ Offset Bond Pattern Color shading

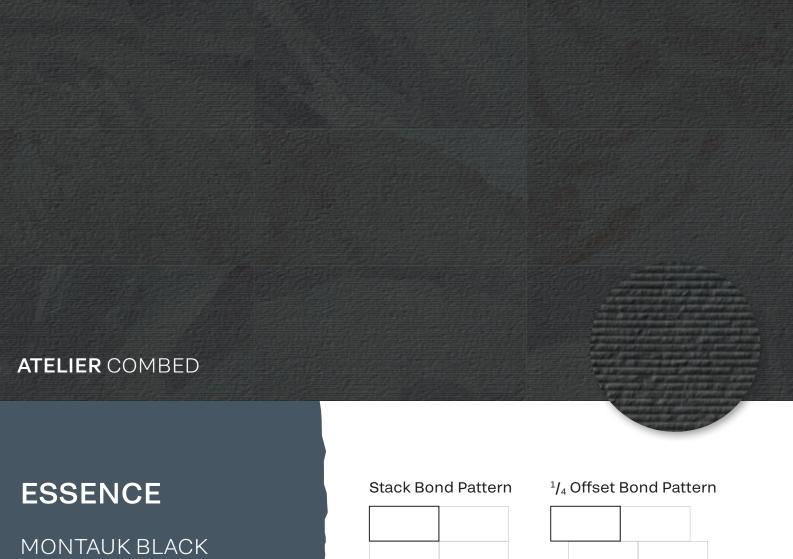
Stack Bond Pattern ¹/₄ Offset Bond Pattern ¹/₃ Offset Bond Pattern Color shading

ESSENCE

MONTAUK GREY



\$10%





12"x24" ₹ 0.35"/9 mm

\$10%

Stack Bond Pattern

1/4 Offset Bond

1/3 Offset Bond Pattern

Color shading





1.5 ATELIER WAVE

Infinity interprets contemporary trends, expression of a simple taste that is expressed through the soft and natural colors of the stone. A collection of surfaces that look rich and natural, and at the same time elegant and refined, ideal for large and spacious environments where the strength of the material is expressed in projects with minimalist lines.

Wave is distinguished by the three-dimensional carved and machined tooled texture.
Its surfaces features a refined and pleasant 3D tactile effect.

AT WOR

Creating with Shapes Usha Doshi



1.5 ATELIER WAVE Infinity Sky

1.5 ATELIER WAVE Infinity Desert



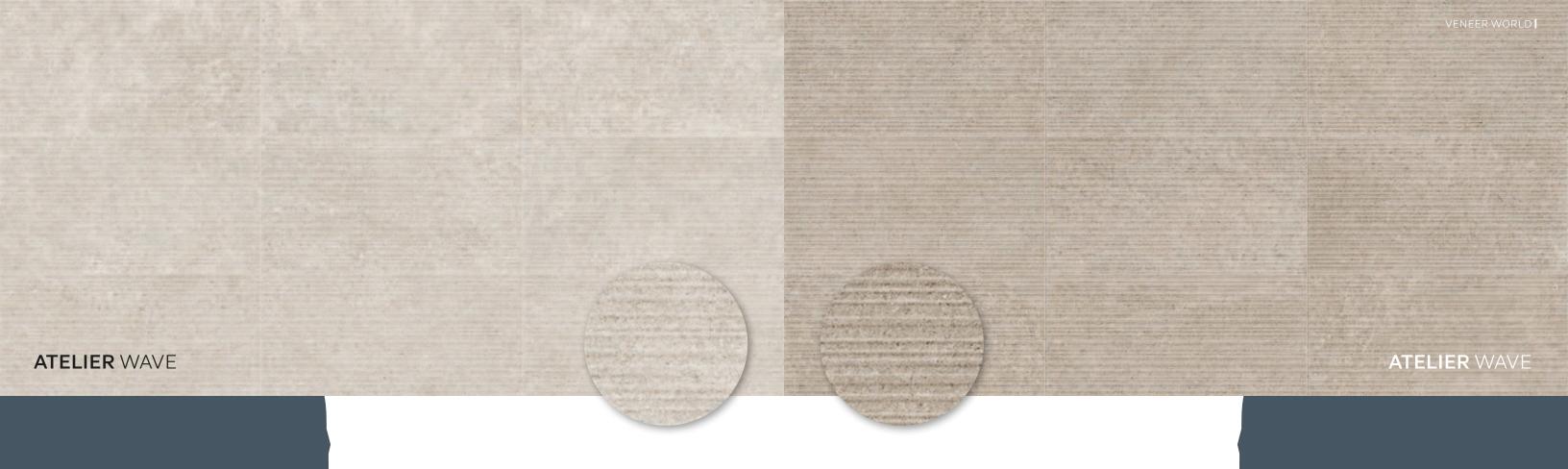
PROJECT

WALL DESIGN

Veneer World Atelier Wave Infinity Desert - 12"x24"

FLOOR DESIGN

Infinity Space - 12"x24"



INFINITY

SKY



¹/₃ Offset Bond Pattern

Color shading

v2

Stack Bond Pattern

¹/₄ Offset Bond Pattern

Stack Bond Pattern

1/4 Offset Bond Pattern

1/3 Offset Bond Pattern

Color shading

INFINITY

DESERT

12"x24"

± 0.35"/9 mm

70

ATELIER WAVE

INFINITYABSOLUTE



12"x24" ₹ 0.35"/9 mm

\$10%

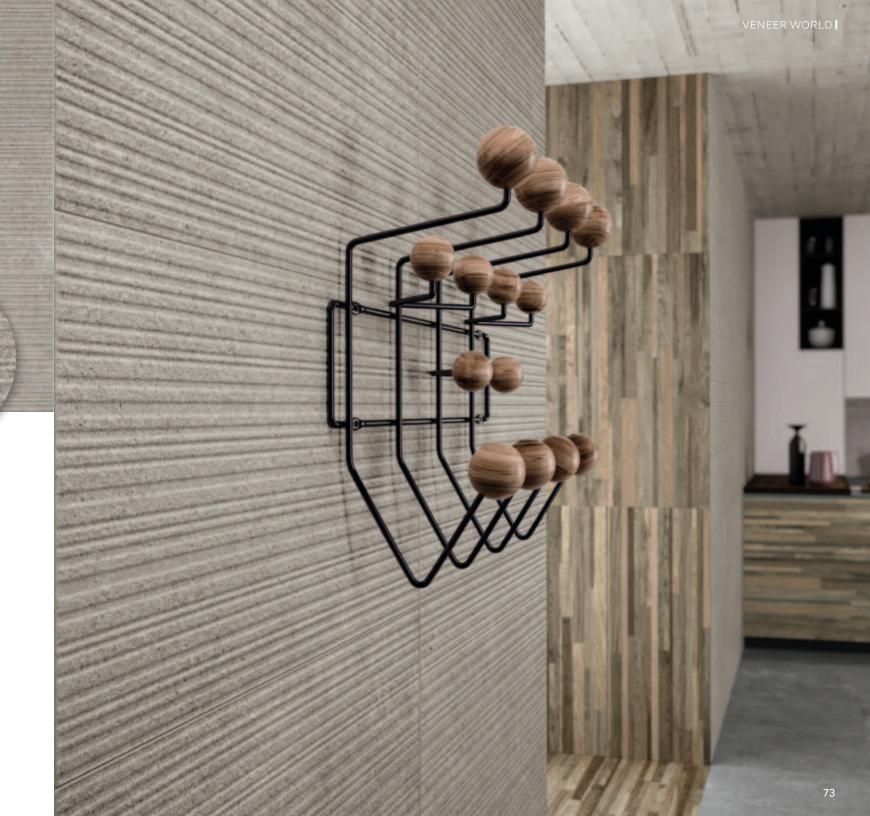
Stack Bond Pattern

1/4 Offset Bond Pattern

1/3 Offset Bond Pattern

Color shading

v2



1.6 ATELIER BAMBOO

With innovative designs inspired by hand-crafted stone engraving, Veneer Atelier Bamboo transforms walls with three-dimensional horizontal slats of varying sizes, adding dynamic depth to indoor and outdoor walls.

The decorative range with 3D Veneer Atelier Bamboo offers versatile options also for backsplash coverings, adding a distinctive design touch to residential spaces. Atelier Veneers provide sophisticated transitions between floors and walls. Their unique design, in a variety of colors matching Trail Refined porcelain tiles, allows for a cohesive look in any interior design project.



PROJECT

WALL DESIGN

Cut Pearl - 12"x24"

ATELIERBAMBOO

1.6
ATELIER
BAMBOO
Trail
Vein Cut
Pearl

PROJECT

OUTDOOR FLOOR DESIGN
Frontier 20 Travertine Select Cross Cut Pearl - 24"x24"
OUTDOOR WALL DESIGN
Veneer World Atelier Bamboo Trail Vein Cut Pearl - 12"x24"

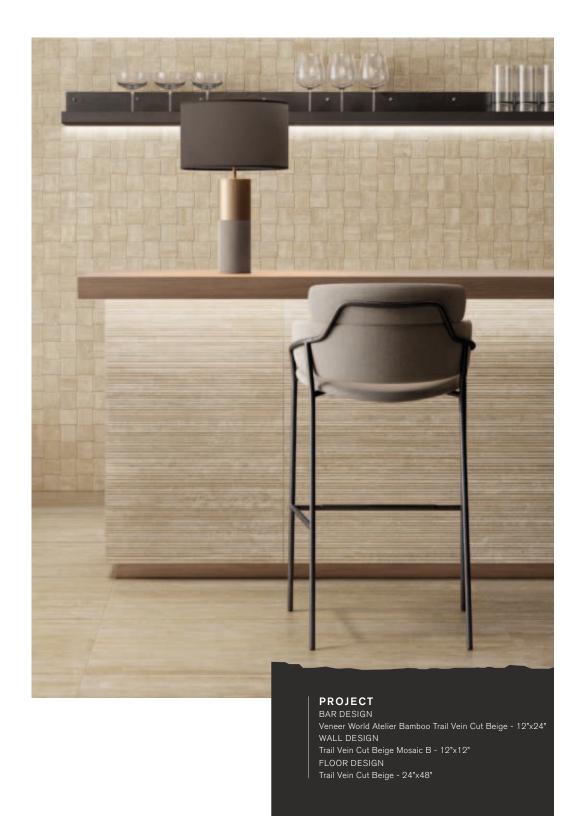




1.6 **ATELIER** BAMBOO Trail Vein Cut Grey

PROJECT
FLOOR DESIGN
Trail Vein Cut Grey - 12"x24"
WALL DESIGN
Veneer World Atelier Bamboo Trail Vein Cut Grey - 12"x24"

1.6
ATELIER
BAMBOO
Trail
Vein Cut
Beige









ATELIER BAMBOO

TRAIL

VEIN CUT PEARL

ATELIER BAMBOO



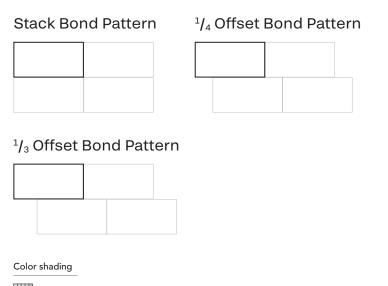
Stack Bond Pattern

1/4 Offset Bond Pattern

1/3 Offset Bond Pattern

Color shading

v2



TRAIL

VEIN CUT GREY



V2

82



ATELIER BAMBOO

TRAIL

VEIN CUT BEIGE



12"x24" x 0.35"/9 mm

	A Carlo and Carlo
Stack Bond Pattern	¹ / ₄ Offset Bond Pattern
·/ ₃ Offset Bond Pattern	
Color shading	
V2	





ATELIER XL

Landmark's three-dimensional surfaces are available in the large 24"x48" format, featuring a variety of textures, looks, and colors.

Thanks to its generous size, Atelier XL are ideal for wall covering of large contemporary spaces, whether in residential or commercial settings.

COLLECTIONS



- 1.8 Line
- 1.9 Flute
- 1.10 Chisel

1.7 ATELIER XL STRIPE

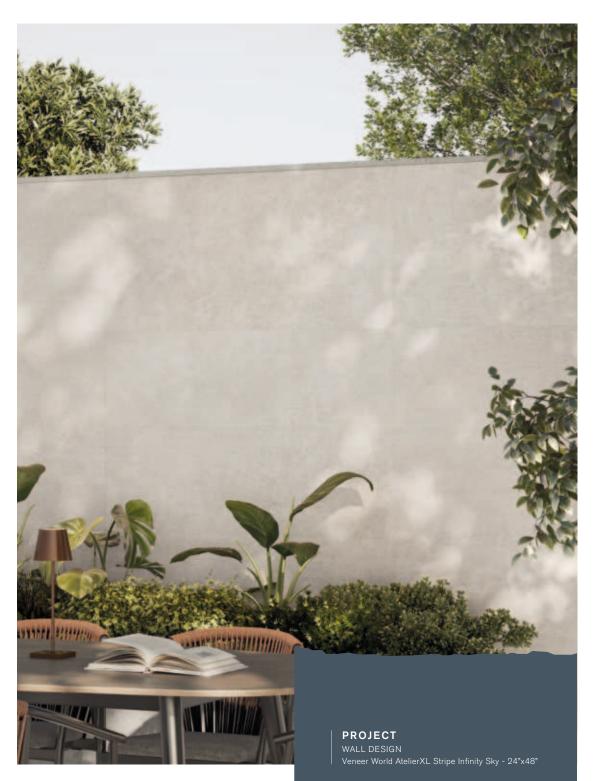
Essential, geometric, and flawless straight lines, perfect for a bold and contemporary look.

PROJECT WALL DESIGN

1.7 ATELIER XL STRIPE Infinity Absolute



1.7
ATELIER XL
STRIPE
Infinity
Sky





1.7
ATELIER XL
STRIPE
Infinity
Desert

PROJECT

WALL DESIGN Veneer World AtelierXL Stripe Infinity Desert - 24"x48"



1.7
ATELIER XL
STRIPE
Elite
Diamond
White

PROJECT





ATELIER XL STRIPE

INFINITY

SKY



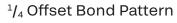
24"x48" x 0.35"/9 mm

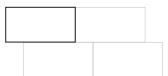


ATELIER XL STRIPE

Stack Bond Pattern

¹/₃ Offset Bond Pattern





Stack Bond Pattern

¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



DESERT

INFINITY

12"x24" **±** 0.35"/9 mm

Color shading



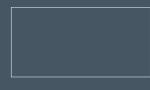




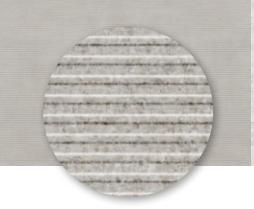
ATELIER XL STRIPE

INFINITY

ABSOLUTE



24"x48" ₹ 0.35"/9 mm





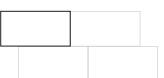
ATELIER XL STRIPE

Stack Bond Pattern

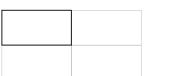
¹/₃ Offset Bond Pattern

Color shading

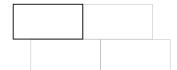
¹/₄ Offset Bond Pattern



Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern





DIAMOND WHITE

12"x24" **₹** 0.35"/9 mm

ELITE

Color shading

A subtle vibration of straight lines in varying thickness and spacing, offering a discreet, elegant design.



Veneer World AtelierXL Stripe Journey Modern Grey - 24"x48"



1.8
ATELIER XL
LINE
Frame
Neoclassical
Beige

ATELIER XL LINE

1.8 **ATELIER XL** LINE Journey Natural Ivory







1.8 **ATELIER XL** LINE Frame International White



Veneer World AtelierXL Line Frame International White - 24"x48" ATELIER XL

1.8
ATELIER XL
LINE
Journey
Modern
Grey



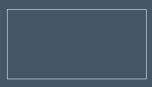




ATELIER XL LINE

JOURNEY

MODERN GREY



24"x48" ₹ 0.35"/9 mm

108

Stack Bond Pattern

1/4 Offset Bond Pattern

1/3 Offset Bond Pattern

Stack Bond Pattern

1/4 Offset Bond Pattern

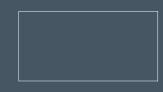
1/3 Offset Bond Pattern

Color shading

JOURNEY

ATELIER XL LINE

NATURAL IVORY



12"x24" **±** 0.35"/9 mm

109

Color shading





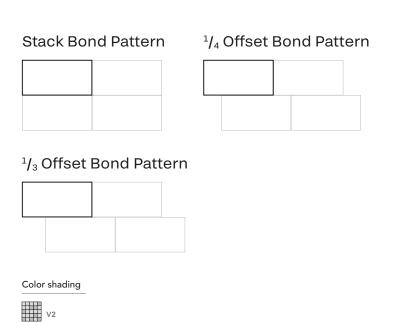
ATELIER XL LINE

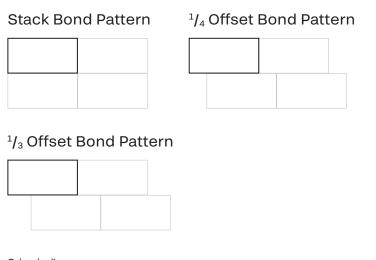
FRAME

INTERNATIONAL WHITE



24"x48" x 0.35"/9 mm





ATELIER XL LINE

FRAME

NEOCLASSICAL BEIGE



12"x24" ₹ 0.35"/9 mm

Color shading

V2

1.9 ATELIER XL FLUTE

Delicate, steady undulations create harmonious and dynamic movement on walls.

PROJECT

WALL DES 201 World AtoliarYL Fluta Charma Eva Paarl Grov - 24



1.9 ATELIER XL FLUTE Spirit Elegant **ATELIER XL** FLUTE

1.9
ATELIER XL
FLUTE
Journey
Modern
Grey

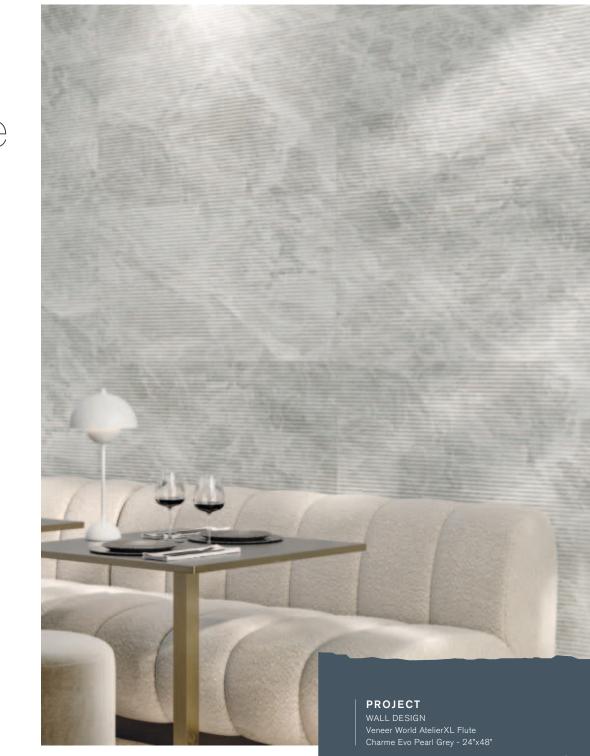




1.9
ATELIER XL
FLUTE
Charme
Evo
Pearl
Grey

1.9
ATELIER XL
FLUTE
Charme Evo
Renoir Plus





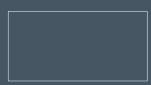




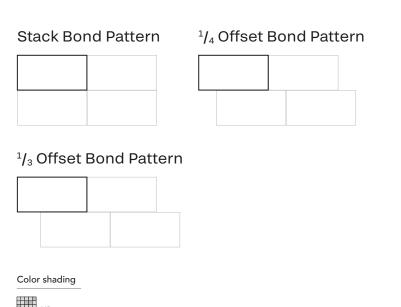
ATELIER XL LINE

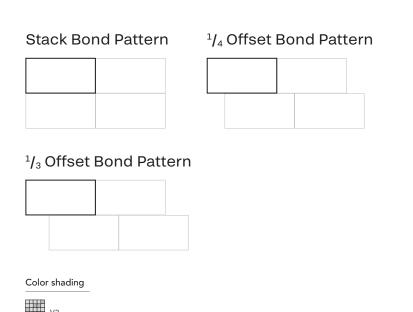
CHARME EVO

PEARL GREY



24"x48" ₹ 0.35"/9 mm





CHARME EVO

ATELIER XL LINE

RENOIR PLUS



12"x24" ₹ 0.35"/9 mm

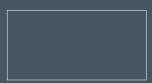




ATELIER XL LINE

SPIRIT

ELEGANT OAK



24"x48" x 0.35"/9 mm

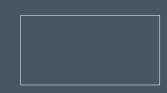
Stack Bond Pattern	¹ / ₄ Offset Bond Pattern
¹ / ₃ Offset Bond Pattern	
Color shading v2	

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SPIRIT

ATELIER XL LINE

OLD MAPLE



12"x24" ₹ 0.35"/9 mm LATER STATE OF THE STATE OF THE

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1.10 ATELIER XL CHISEL

Thin lines with chiseled details reminiscent of the finest artisanal stonework, for an authentic effect.

124

WORLD'S FINEST HOMES

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1.10
ATELIER XL
CHISEL
Trail
Vein Cut
Ivory



1.10 ATELIER XL CHISEL Trail Vein Cut Pearl

ATELIER XL

THIS IS HOME

PROJECT

WALL DESIGN

Veneer World AtelierXL Chisel Trail Vein Cut Pearl - 24"x48"

ATELIER XL

1.10

ATELIER XL CHISEL Charme Calacatta Gold



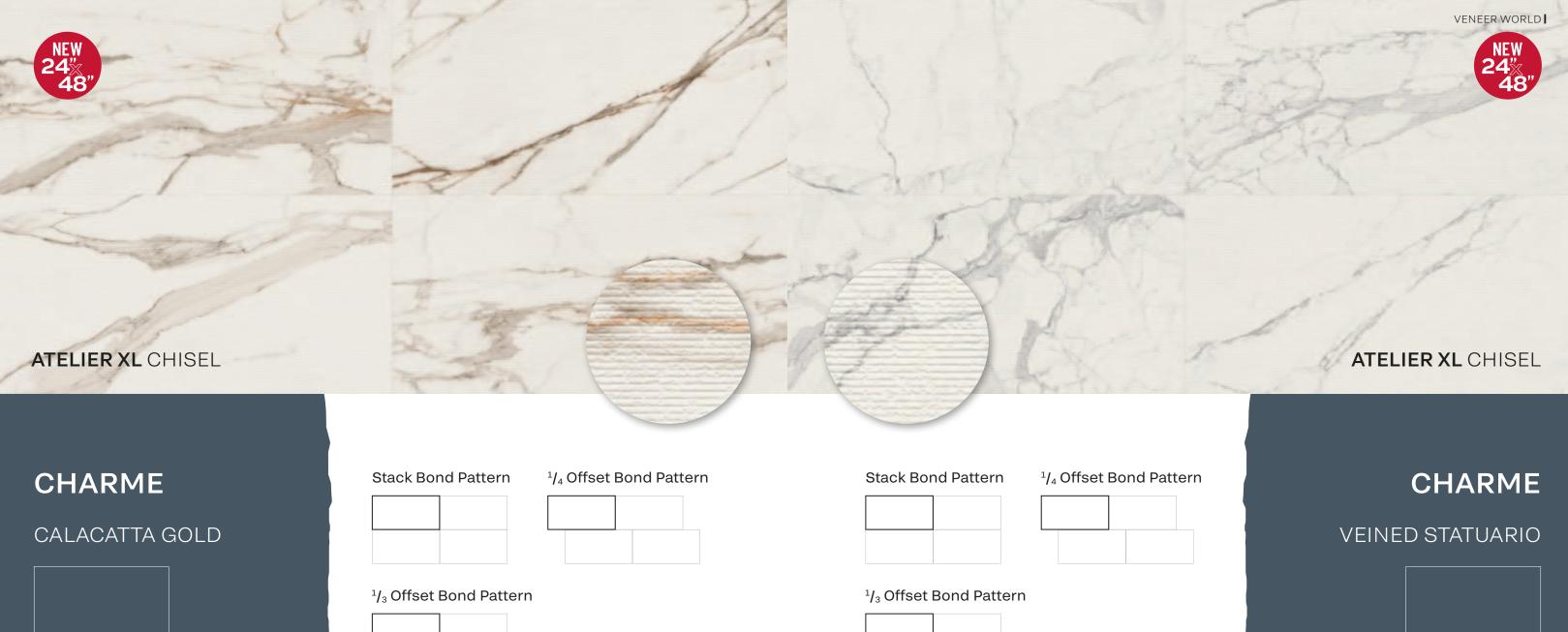




1.10
ATELIER XL
CHISEL
Charme
Veined Statuario

PROJECT

WALL DESIGN
Veneer World AtelierXL Chisel
Charme Veined Statuario - 24"x48"



12"x24" ¥ 0.35"/9 mm

Color shading

V2

Color shading

V2

24"x48" x 0.35"/9 mm



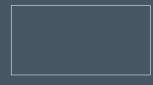


ATELIER XL CHISEL

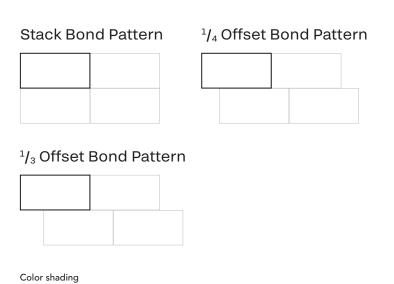
ATELIER XL CHISEL

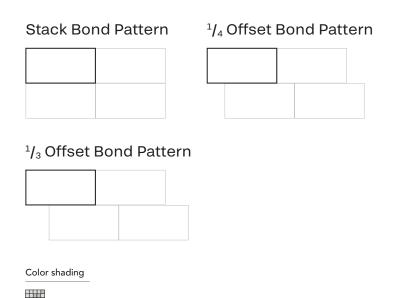
TRAIL

VEIN CUT IVORY



24"x48" x 0.35"/9 mm





TRAIL
VEIN CUT PEARL

12"x24" **±** 0.35"/9 mm

134



PRO LEDGESTONE

Linear patterns available in a variety of colors, to design refined surfaces for elegant settings.

Each piece recreates the professionally assembled stacked ledgestone in a monolithic rectified porcelain veneer. Multiple and creatively variegated patterns assure a final natural effect, perfect for every decorative wall: both indoor and outdoor, for commercial as well as residential applications.

COLLECTIONS

2.1 Bluestone

2.2 Alpine

2.3 Ridge

2.4 Canyon

PRO LEDGESTONE

2.1 BLUESTONE

Bluestone finds inspiration in the most refined and used American stones sourced from Pennsylvania. The Bluestone is a famous stone, known in all North America, used in some of the most important architectures. A highly versatile selection available in the Full Color, Blue Select and Tumbled alternatives, able to either blend in or highlight contrast depending on the designated environment and desired look.



PROJEC WALL DESIG Proer World Pro Ledgestone Bluestone Blue Select - 6"v2

2.1 BLUESTONE Blue Select



WALL DESIGN

Veneer World Pro Ledgestone Bluestone Blue Select - 6"x24"

PRO
LEDGESTONE
Bluestone



2.1 BLUESTONE Full Color

PROJECT

FLOOR DESIGN True Contemporary White - 8"x40" WALL DESIGN

Veneer World Pro Ledgestone Bluestone Full Color - 6"x24"

PRO
LEDGESTONE
Bluestone



2.1 BLUESTONE Tumbled

PROJECT

FLOOR DESIGN Vision Pearl - 24"x48" WALL DESIGN

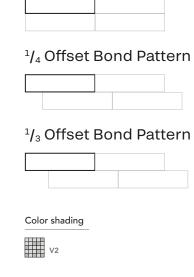
Veneer World Pro Ledgestone Bluestone Tumbled - 6"x24"



BLUESTONE

FULL COLOR





Stack Bond Pattern

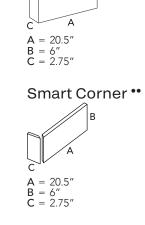


Corner **

Smart Corner **

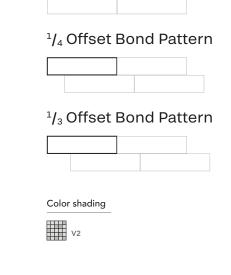
• Nominal Size: 5.8"x24"

•• Nominal Size: 20.5"x5.8"x2.75"



Nominal Size: 5.8"x24"
Nominal Size: 20.5"x5.8"x2.75"

Corner **



Stack Bond Pattern

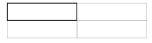




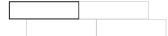
BLUESTONE

TUMBLED

Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



Corner **



A = 20.5 B = 6''C = 2.75''

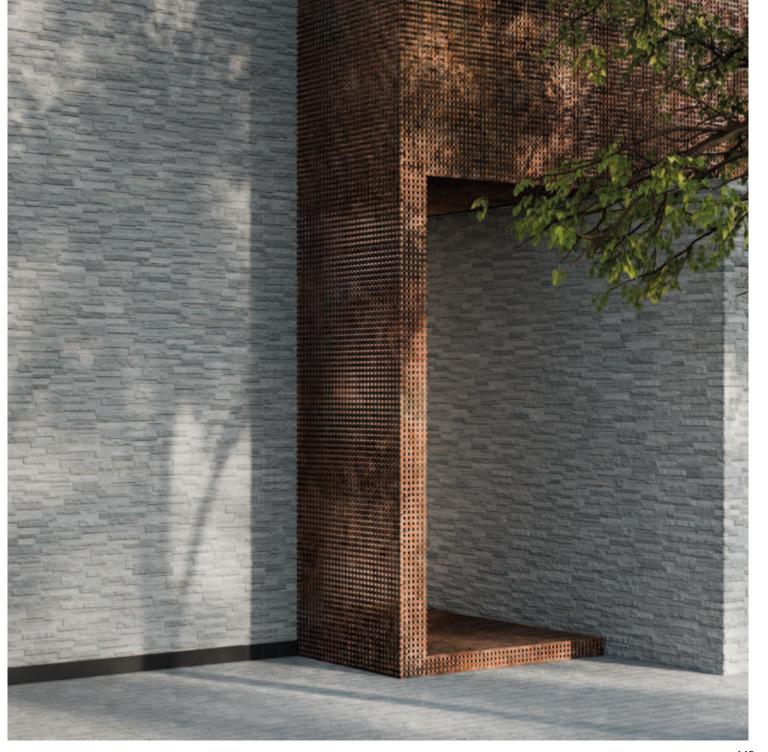
Smart Corner **



A = 20.5° B = 6" C = 2.75°

• Nominal Size: 5.8"x24"

•• Nominal Size: 20.5"x5.8"x2.75"



2.2 ALPINE

Delicate quartzite colors for subtle combinations within refined environments. Alpine offers designers the possibility to create clear, gentle looks with the most elegant shades on shade quartz materials.

PROJECT

FLOOR DESIGN Charme Calacatta Gold - 24"x48" WALL DESIGN Veneer World Pro Ledgestone Alpine Alaska - 6"x24" PRO Ledgestone Alpine



2.2 ALPINE Alaska

PROJECT WALL DESIGN

Veneer World Pro Ledgestone Alpine Alaska - 6"x24"

PRO Ledgestone Alpine



2.2 **ALPINE** Desert

PROJECT

FLOOR DESIGN

Journey Modern Grey - 24"x48"

WALL DESIGN

Veneer World Pro Ledgestone Alpine Desert - 6"x24"

Veneer World Pro Ledgestone Canyon Rock - 6"x24"

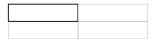


ALPINE

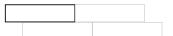
ALASKA



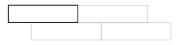
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



Corner **

Smart Corner **



- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"

Corner **



A = 20.5" B = 6" C = 2.75"

Smart Corner **

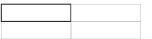


A = 20.5" B = 6" C = 2.75"

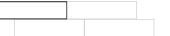
• Nominal Size: 5.8"x24"

•• Nominal Size: 20.5"x5.8"x2.75"

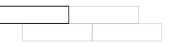
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



ALPINE

DESERT



6"x24" • ± 0.35"/9 mm

PRO LEDGESTONE

2.3 RIDGE

Strong shades and color variations with accentuated contrast are the deepest soul of the Ridge collection, which combines looks of rich quartzite with precious slate. Diverse hues intertwine to enrich the surface and provide a unique natural feel.

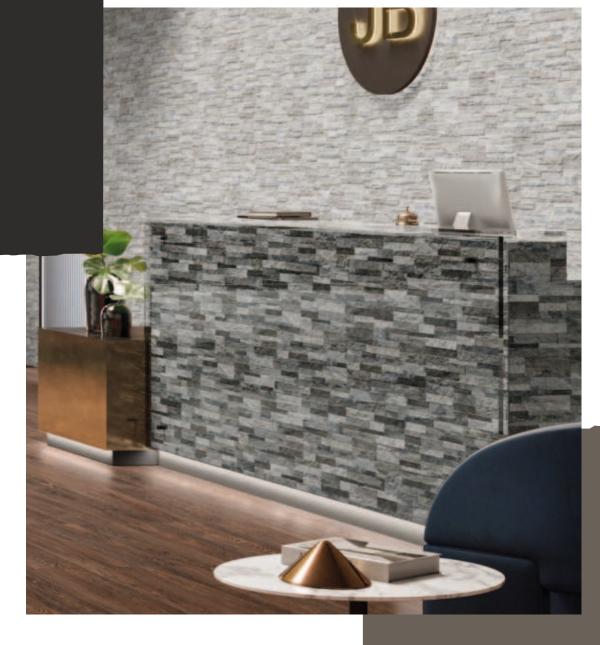
PROJECT

VENEER WORLD

FLOOR DESIGN Spirit Chic Walnut - 8"x40" WALL DESIGN leer World Pro Ledgestone Ridge White - 6"x24"

Veneer World Pro Ledgestone Ridge White - 6"x24" Veneer World Pro Ledgestone Ridge Grey - 6"x24"

2.3 RIDGE Grey



2.3 RIDGE White

PROJECT

FLOOR DESIGN Spirit Chic Walnut - 8"x40" WALL DESIGN Veneer World Pro Ledgestone Ridge White - 6"x24" Veneer World Pro Ledgestone Ridge Grey - 6"x24" **PRO**LEDGESTONE
Ridge



2.3 RIDGE Beige

PROJECT

FLOOR DESIGN Attitude Calm Brown - 24"x24" WALL DESIGN Veneer World Pro Ledgestone Ridge Beige - 6"x24" **PRO** LEDGESTONE Ridge



2.3 RIDGE Black

PROJECT

OUTDOOR FLOOR DESIGN
Made.In Freedom White Grip - 12"x24"
Frontier20 Freedom White - 24"x24"
WALL DESIGN
Veneer World Pro Ledgestone Ridge Black - 6"x24"

165



RIDGE

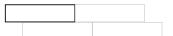
WHITE



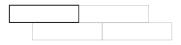
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading





Smart Corner **



- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"

Corner **



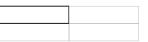
Smart Corner **



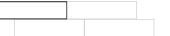
A = 20.5" B = 6" C = 2.75"

- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"

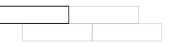
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



RIDGE

BEIGE





RIDGE

GREY



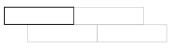
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



Corner **



Smart Corner **



- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"

Corner **



Smart Corner **



A = 20.5" B = 6" C = 2.75"

- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"

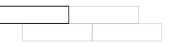
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



RIDGE

BLACK



\$10%

2.4 CANYON

Canyon is inspired by colorful American slates, ensuring a unique touch of western atmosphere for every space. A feel of natural, earthly matter, highlighted by the rich mix of tones brought together by an ensemble of dynamically textured surfaces typical of the split stones.

PROJECT

VENEER WORLD

171

FLOOR DESIGN Frontier20 Modern Grey - 24"x24"

WALL DESIGN
Veneer World Pro Ledgestone Canyon Summer - 6"x24"

PRO Ledgestone Canyon



2.4 CANYON Summer

PROJECT
WALL DESIGN
Veneer World Pro Ledgestone Canyon Summer - 6"x24"

PRO Ledgestone Canyon



2.4 **CANYON**Rock

PROJECT WALL DESIGN

Veneer World Pro Ledgestone Canyon Rock - 6"x24"

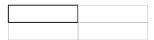


CANYON

SUMMER



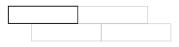
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading





Smart Corner **



- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"

Corner **



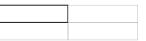
Smart Corner **



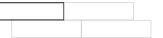
A = 20.5" B = 6" C = 2.75"

- Nominal Size: 5.8"x24" •• Nominal Size: 20.5"x5.8"x2.75"

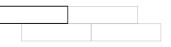
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



CANYON

ROCK



176



URBAN LEDGESTONE

3

Regular and geometric patterns available in a variety of colors, to design refined surfaces for elegant indoor or outdoor settings. The surface is soft and almost completely flat reproducing the perfect water saw cut that characterized the real stone veneers. Each listel has the same height and recreates a regular and professionally reassembled stacked ledgestone in a monolithic rectified porcelain veneer. Multiple and creatively variegated patterns assure a final natural effect, perfect for every decorative wall: both indoor and outdoor, for commercial as well as residential applications.

COLLECTIONS

3.1 Explore

3.2 Masterplan

3.1 EXPLORE

Inspired by the noblest quartzite stones, an iconic architectural stone widely used all across North America both in outdoor and indoor applications, Explore aims to reproduce its soft veining pattern over 4 natural modern colors, enhancing creativity and design opportunities in every outdoor or indoor wall application.

PROJECT

Frontier20 Arctic White - 12"x48" OUTDOOR POOL DESIGN Frontier20 Arctic White Coping Rectified - 12"x24" WALL DESIGN eneer World Urban Ledgestone Explore African Beige - 6"x24" URBAN LEDGESTONE Explore

3.1 EXPLORE African Beige

PROJECT

OUTDOOR FLOOR DESIGN Frontier20 Arctic White - 12"x48" WALL DESIGN

WALL DESIGN Veneer World Urban Ledgestone Explore African Beige - 6"x24"



URBAN



3.1 **EXPLORE** Volcanic Black

PROJECT

OUTDOOR FLOOR DESIGN
Frontier20 Michelangelo Extra White - 24"x48"
Frontier20 Michelangelo Extra White - 12"x48"
Frontier20 Michelangelo Extra White - 24"x24"

Frontier20 Michelangelo Extra White - 12"x24" Frontier20 Michelangelo Extra White Riser - 6"x48" WALL DESIGN

Veneer World Urban Ledgestone Explore Volcanic Black - 6"x24"

URBAN LEDGESTONE Explore



3.1

EXPLORE

Volcanic

Black

PROJECT

OUTDOOR FLOOR DESIGN
Frontier20 Michelangelo Extra White - 24"x48"
Frontier20 Michelangelo Extra White Riser - 6"x48"
WALL DESIGN
Veneer World Urban Ledgestone Explore Volcanic Black - 6"x24"

3.1 EXPLORE Star Grey

PROJECT

FLOOR DESIGN

Frontier20 Travertine Cross Cut Silver - 24"x48"
Frontier20 Travertine Cross Cut Silver - 12"x48"
Frontier20 Travertine Cross Cut Silver - 24"x24"
Frontier20 Travertine Cross Cut Silver - 12"x24"
Frontier20 Travertine Cross Cut Silver Stair Tread - 12"x48"
Frontier20 Travertine Cross Cut Silver Riser - 6"x48"

Veneer World Urban Ledgestone Explore Star Grey - 6"x24" Frontier20 Travertine Cross Cut Silver - 24"x48"



URBAN LEDGESTONE Explore



3.1 EXPLORE Star Grey

PROJECT

FLOOR DESIGN

Frontier20 Travertine Cross Cut Silver - 24"x48" Frontier20 Travertine Cross Cut Silver - 12"x48" Frontier20 Travertine Cross Cut Silver - 24"x24" Frontier20 Travertine Cross Cut Silver - 12"x24"

WALL DESIGN

Veneer World Urban Ledgestone Explore Star Grey - 6"x24"

3.1 **EXPLORE** Arctic White

URBAN

PROJECT

FLOOR DESIGN
Frontier20 Star Grey - 24"x48"
Frontier20 Star Grey - 12"x48"
Frontier20 Star Grey - 24"x24"
Frontier20 Star Grey - 12"x24"
Frontier20 Star Grey - 12"x12"
WALL DESIGN

URBAN LEDGESTONE Explore

3.1 EXPLORE Arctic White



PROJECT

WALL DESIGN Veneer World Urban Ledgestone Explore Arctic White - 6"x24"

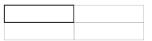


EXPLORE

ARCTIC WHITE



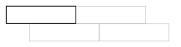
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading





A = 20.5" B = 6" C = 2.75"

Smart Corner **



A = 20.5" B = 6" C = 2.75"

- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"

Corner **



A = 20.5" B = 6" C = 2.75"

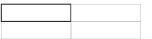
Smart Corner **



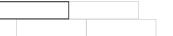
A = 20.5" B = 6" C = 2.75"

- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"

Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading

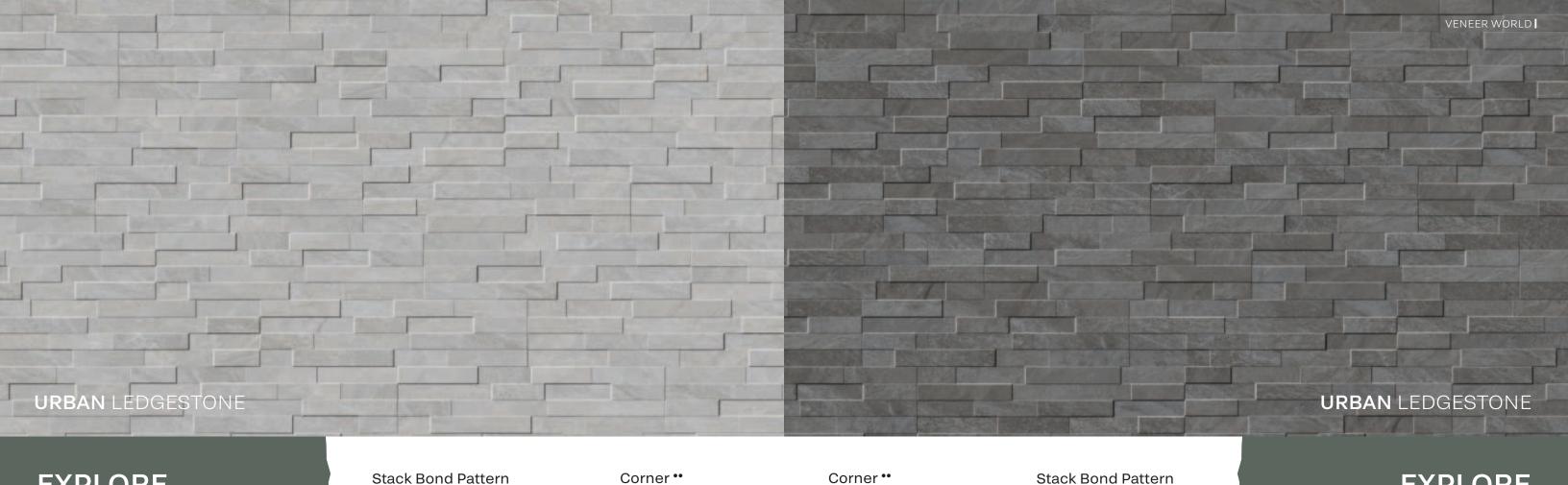


EXPLORE

AFRICAN BEIGE



19



EXPLORE

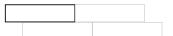
STAR GREY



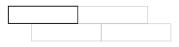
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading





Smart Corner **



- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"

Corner **



A = 20.5" B = 6" C = 2.75"

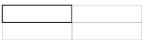
Smart Corner **



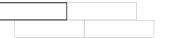
A = 20.5" B = 6" C = 2.75"

- Nominal Size: 5.8"x24" •• Nominal Size: 20.5"x5.8"x2.75"

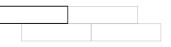
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



EXPLORE

VOLCANIC BLACK



199

URBAN

3.2 MASTERPLAN

PROJECT OUTDOOR FLOOR DESIGN OUTDOOR WALL DESIGN Frontier20 Fashion Black - 24"x24"

URBAN

LEDGESTONE Masterplan

3.2 MASTERPLAN White Mix

PROJECT

FLOOR DESIGN
Masterplan White Avenue - 24"x48"
Feeling Oak - 8"x40"
WALL DESIGN
Masterplan Geometric Multicolor Cold Mosaic G - 13.7"x11.22"
FIREPLACE
Masterplan Fashion Black - 24"x24"
Veneer World Urban Ledgestone White Mix - 6"x24"



URBAN LEDGESTONE Masterplan



3.2 **MASTERPLAN**

PROJECT FLOOR DESIGN Masterplan White Avenue - 24"x48" FIREPLACE



3.2 MASTERPLAN White Mix

PROJECT
OUTDOOR FLOOR DESIGN Frontier20 Diamond White - 24"x24" Frontier20 Patchwork Ash - 24"x24" OUTDOOR WALL DESIGN Veneer World Urban Ledgestone White Mix - 6"x24" POOL DESIGN Frontier20 Fashion Grey - 24"x24"

URBAN

LEDGESTONE Masterplan

3.2

MASTERPLAN

White

Mix

PROJECT

OUTDOOR FLOOR DESIGN

Frontier20 Diamond White - 24"x24"

Frontier20 Fashion Grey - 24"x24"

Frontier20 Diamond White / Fashion Grey Stair Tread Rectified -

12"x24"

WALL DESIGN

Veneer World Urban Ledgestone White Mix - 6"x24"

Elite Fashion Grey - 24"x24"

PLANTER BOX

Veneer World Urban Ledgestone White Mix - 6"x24"



URBAN LEDGESTONE Masterplan



3.2 MASTERPLAN Beige Mix

PROJECT

FLOOR DESIGN
Masterplan Precious Ivory - 24"x48"
Masterplan Artistic Beige - 12"x24"
Feeling Honey - 8"x40"
WALL DESIGN
Veneer World Urban Ledgestone Beige Mix - 6"x24"
Vision Color Lava Red - 3"x12"
PLANTER BOX
Elite Oyster Beige - 24"x24"

URBAN Ledgestone Masterplan



3.2 **MASTERPLAN** Beige Mix

PROJECT FLOOR DESIGN Elite Fashion Grey - 12"x24" / 24"x24" WALL DESIGN Vision Concrete - 24"x48" Veneer World Urban Ledgestone Beige Mix - 6"x24"



3.2

MASTERPLAN

ASh

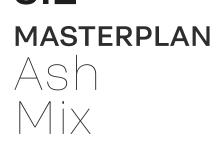
Mix

PROJECT

OUTDOOR FLOOR DESIGN
Frontier20 Comsopolitan Ash - 24"x24" / 24"x48"
Frontier20 Comsopolitan Ash Coping Bullnose - 12"x24"
OUTDOOR WALL DESIGN
Veneer World Urban Ledgestone Ash Mix - 6"x24"
benches and planter box
Frontier20 Fashion Black - 24"x24"

URBAN LEDGESTONE Masterplan

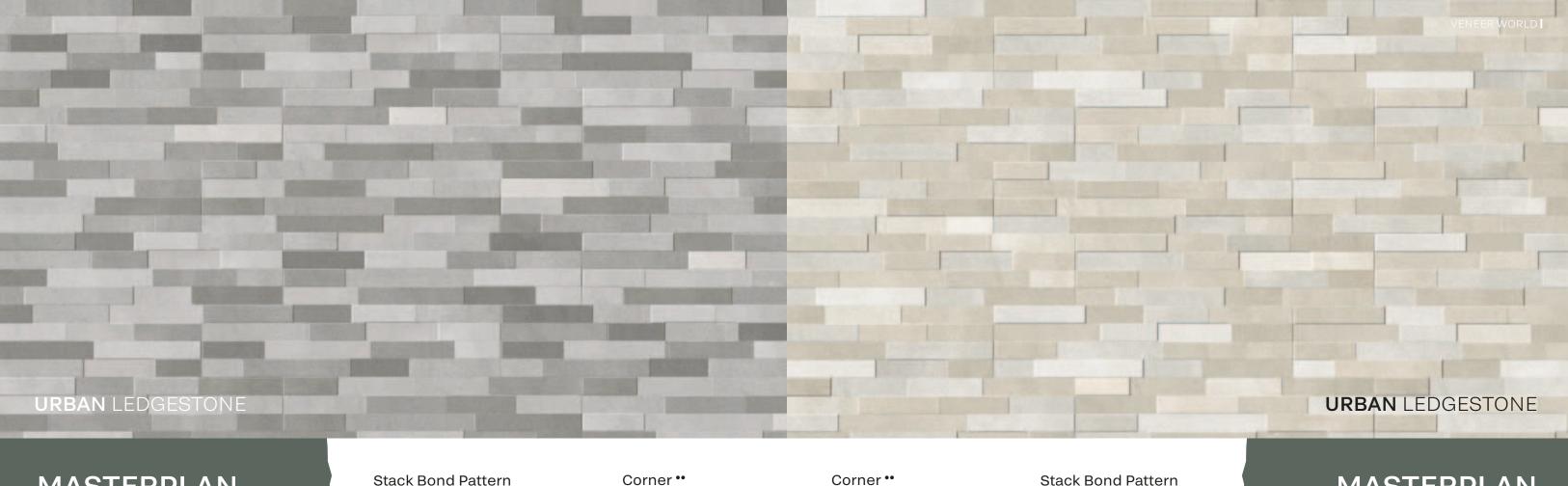
3.2





WALL DESIGN

Veneer World Urban Ledgestone Ash Mix - 6"x24"



MASTERPLAN

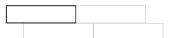
ASH MIX



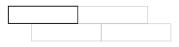
Stack Bond Pattern



¹/₄ Offset Bond Pattern

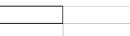


¹/₃ Offset Bond Pattern



Color shading







• Nominal Size: 5.8"x24"

•• Nominal Size: 20.5"x5.8"x2.75"

Corner **



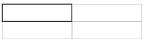
Smart Corner **



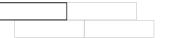
A = 20.5" B = 6" C = 2.75"

• Nominal Size: 5.8"x24" •• Nominal Size: 20.5"x5.8"x2.75"

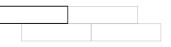
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



MASTERPLAN

BEIGE MIX



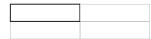


MASTERPLAN

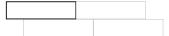
WHITE MIX



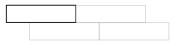
Stack Bond Pattern



¹/₄ Offset Bond Pattern



¹/₃ Offset Bond Pattern



Color shading



Corner **



A = 20.5" B = 6" C = 2.75"

Smart Corner **



A = 20.5" B = 6" C = 2.75"

- Nominal Size: 5.8"x24"
- •• Nominal Size: 20.5"x5.8"x2.75"





PORCELAIN VENEERS INSTALLATION INSTRUCTIONS





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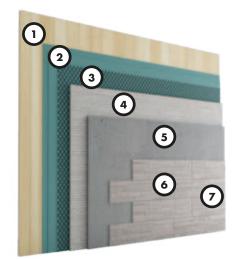
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INSTALLATION SYSTEMS

Landmark's porcelain veneers can be installed on the most utilized backup systems, such as wood and steel framing, cement or concrete masonry unit (CMU) and rigid insulation foam. Although this guide focuses on the installation of Landmark's porcelain veneers on these most traditional backup systems, any properly designed and prepared backup system could be used to receive Landmark's porcelain veneers. Please verify with your architect, structural and civil engineer that the backup system and installation methods comply with Federal, State and Local building codes as well as other rules and regulations that might apply to the project by the law and common sense.

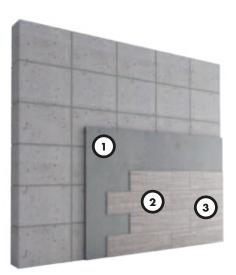
The most traditional backup systems are:

WOOD FRAME



- . Sheating
- 2. Two layers of Water Resistive Barrier (WRB)
- 3. Metal lath
- 4. Scratch coat
- Mortar setting bed
- 6. Landmark's porcelain veneers
- 7. Grout joint

CONCRETE MASONRY UNIT

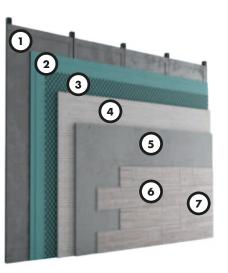


- Mortar applied directly to untreated unpainted masonry, concrete or stucco
- 2. Landmark's porcelain veneers
- 3. Grout joints

Note

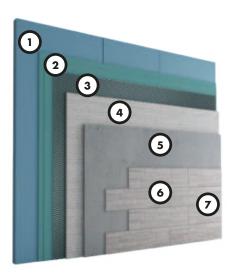
Concrete Masonry Unit must be free from paint, sealer and dirt. Dirty, painted, sealed and smooth surfaces/walls will require additional preparation to address these condition.

METAL FRAME



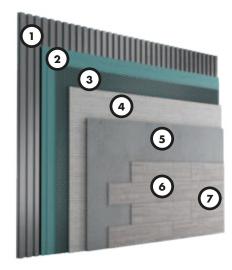
- 1. Sheating
- 2. Two layers of water resistive barrier (WRB)
- 3. Metal lath
- 4. Scratch coat
- 5. Mortar setting bed
- 6. Landmark's porcelain veneers
- 7. Grout joint

RIGID FOAM INSULATION



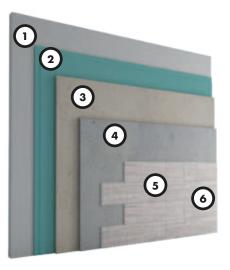
- 1. Rigid foam insulation
- 2. Two layers of water resisitve barrier (WRB)
- 3. Galvanized metal lath
- 4. Scratch coat
- 5. Mortar setting bed
- 6. Landmark's porcelain veneers
- 7. Grout joint

METAL BUILDING



- 1. Sheating
- 2. Two layers of water resistive barrier (WRB)
- 3. Galvanized metal lath
- 4. Scratch coat
- 5. Mortar setting bed
- 6. Landmark's porcelain veneers
- 7. Grout joint

CEMENT BOARD



- Sheating
- 2. Two layers of water resistent barrier (WRB)
- 3. Cement board
- 4. Mortar setting bed
- 5. Landmark's porcelain veneers
- 6. Grout joint

STEP 1

PREPARING THE SURFACE

Verify that the surface on which Landmark's porcelain veneers will be installed is solid and free of any materials that would prevent the porcelain veneer from bonding. Check also that the backup system is capable of supporting the weight of Landmark's porcelain veneers.

The surfaces on which Landmark's porcelain veneer will be applied must have a rough texture to ensure a good mortar bond. If necessary, attaching a lath and applying a scratch coat can bring the surface to a desirable level of roughness. Please note that, whenever a lath is utilized, a scratch coat is needed.

A scratch coat may not be needed over Cement Masonry Unit (CMU) and cement board. If the lath is installed, apply a ½ inch thick layer of mortar ensuring that the mortar completely covers the lath. Scratch the mortar horizontally to create a scratch coat that will help the porcelain veneer to adhere, not only chemically but also mechanically, to the surface.

Before starting the installation, ensure that the Water-Resistant Barrier (WRB) and flashing are correctly installed. It is worth noting that different elements and materials within a structure can react differently in response to temperature and moisture fluctuations or to different loads pressure. In cases where differential movements are expected, such as at the transition between a framed backup system to a concrete masonry unit system, movement joints (control joints and expansion joints) may be needed.

Movement joints must be specified by the architect or the engineer according to ASTM C 1063 control joints requirements. Do not cover the movement joints with Landmark's porcelain veneers as this might lead to cracking.

the surface.

STEP 2

ESTIMATING THE PORCELAIN VENEERS REQUIRED

Determine the amount of Landmark's porcelain veneer products needed by calculating the area to be covered. Multiply the length by the height, the result will be the area of the surface to be covered. Subtract square footage for any space that will not be covered such as windows and doors. Measure the height of the corner walls and compute

the linear feet of corners to determine the amount of corner pieces needed. One linear foot of corner pieces covers approximately 2 square feet of surface. Subtract the area covered by the linear feet of corner pieces from the area required. It is suggested to order extra porcelain veneers to allow cutting, trimming and waste.

FORMULAS

Wall Area = Length × Height

Windows and doors areas = Windows and doors Width × Windows and doors Height

Wall Area Covered by Corners = Lineal Feet of Corners Required × 2

Square feet required = Wall Area – Windows and doors Area – Wall Area Covered by Corners

It is recommended to request extra square feet.



STEP 3

PLANNING THE LAYOUT

It is recommended, in order to maintain a natural look, to follow a stack bond pattern or a ¼ offset bond pattern or a 1/3 offset bond pattern when installing Landmark's porcelain veneers and keep the joints as small as possible.

Before starting the installation, lay out several pieces on a flat surface to allow proper selection from a variety of sizes.

Before starting the installation, lay out several pieces on a flat surface to allow proper selection from a variety of sizes, shapes and colors.

STACK BOND PATTERN

1/4 OFFSET BOND PATTERN

1/3 OFFSET BOND PATTERN

In case of a dry stacked installation, it is recommended that all interstice gaps between Landmark's porcelain veneers are properly sealed with a specific grout for porcelain (please always refer to the grout manufacturer for further information). Also, it is recommended to comply with the building codes and federal and regional rules and regulations.

The sealing for interstice gaps it is fundamental to prevent or reduce water infiltration that may lead to the cracking and falling of the unit. Failing to do this may lead to major injuries.

STEP 4

ENSURING A LEVELLED INSTALLATION

The first line of porcelain veneers will determine the levelness of each line above or underneath. To ensure that the porcelain veneers are installed straight use a chalk line: position the chalk line from side to side of the wall at a distance equal to the height of the porcelain veneer plus the desired grout spaces.

Check with the level that you have a straight horizontal line and snap the chalk line. Decide in advance whether you prefer to end up with partial porcelain veneers at the top or at the bottom of the wall.

It is recommended to start the installation from a corner or from the edge of the wall.





STEP 5

CHOOSING THE CORRECT MORTAR

Choosing the proper mortar is critical to ensure that Landmark's porcelain veneers do not come off and that the bonding agent will not comprise the other essential functions for an exterior coating system (soundproofing, steam barrier, resistance to water, etc.).

For this reason, it is crucial to contact one of the mortar manufacturing companies (Laticrete or Mapei to mention a couple) to find out what solutions they might have available (and consequently guarantees).

Between all the products suggested from the mortar manufacturers for the bonding of the material, it is critical to choose a product that is suited for porcelain tiles for exterior application.

In some cases, the construction norms provide constrains, mandatory precautions and/or limitations on the bonding of construction materials (whether they are tiles, natural stones, manufactured stones, thin brick or other masonry product). Moreover, it is important to remember that the Building Code in the United States poses, for commercial use, a limit on the maximum dimension and weight for the glue bonding (without the assistance of mechanical hooks) of tiles, stone slabs or other materials used for exterior wall covering.

Because of this, it is important that the contractor verifies upfront these constraints keeping in consideration the characteristics of the building and its location.

In any case it is very important to contact the representative of the company manufacturing the mortar up-front to verify that the solution identified by reading the literature is correct, keeping in mind:

- The type of wall that the user is trying to cover (how it is made and what characteristics it presents)
- The type of material that the user wants to utilize (porcelain in this particular case)

ATTENTION

When contacting the representative of the company manufacturing the mortar, it is important to communicate him or her the thickness, dimension and weight of every piece of porcelain material to be installed (the information is available in the Landmark Ceramic's price list or can be requested directly to Landmark). This way, the glue representative can suggest the best bonding material to the contractor/customer keeping in consideration the characteristics of the material to be installed.

STEP 6

APPLYING LANDMARK'S PORCELAIN VENEER TO THE SURFACE

After the scratch coat mortar, if present, has cured sufficiently, dampen the wall before starting with the application. No residue of standing water should be left.

Note: Landmark's porcelain veneer applications should be protected from temperature below 40°F during and immediately following the installation. The use of anti-freeze admixtures to lower the freezing point of the mortar is not recommended.

Spread a layer of mortar (above the scratch coat if present) on an area about 3 square feet to create the thinset. Use the notched trowel at a 45-degree angle to create an even ridged bed. Then, the porcelain veneer should be firmly pushed into the setting bed mortar, wiggling it a bit as you push to help it adhere.

Mortar should be slightly weeping out from the entire perimeter of each piece after they are installed. Clean excess mortar off of surrounding joints during the installation process.

With the right mortar mix, moisture content and scratch coat preparation, the porcelain veneer will be stable within a few seconds of the setting movement process.

Continue to spread mortar and lay the porcelain veneers onto the rest of the wall in sections, checking with a level that each line of porcelain veneers is leveled. Place spacers between porcelain veneers to ensure even spacing. Tap each porcelain veneer with the mallet to firmly set them.

In exterior application, to guarantee even a more bonding of the unit to the surface, it is possible to back butter the Landmark's porcelain veneer. The back-buttering process consists of covering the entire back, not only the perimeter, of the porcelain veneer with mortar using the flat-end of the trowel. This will ensure a proper adhesion of the porcelain veneer to the surface. Note that, since Landmark' porcelain veneers are non-absorbent material, it is not necessary to wet the piece before the back-buttering process.

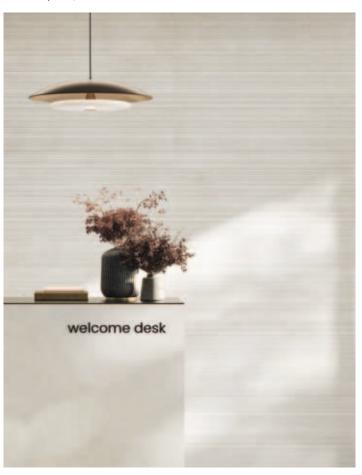
It is critical to verify, when creating the mortar bed and back buttering the unit that the mortar is spread evenly on the surfaces to prevent the creation of air bubbles and water infiltration that may lead to cracking.

Once all the porcelain veneers are lay down and the wall is covered let dry the wall for 24 hours.

STEP 7GROUTING THE JOINTS

Once the wall is cured, grout the joints. It is critical to use an exterior-grade grout and mixing it according to the manufacturer instruction.

Use a grout float at a 45-degree angle to spread the grout over the wall. After the grout is dried, wipe the excess grout with a sponge.



FOCUS ON: STACKED STONE INSTALLATION (TIGHT FITTED ADHERED PORCELAIN VENEER APPLICATION)

In case of tight fitted adhered porcelain veneers application, always remember to Refer to recommendation included in Step 5 for guidance regarding mortar selection. The back of the porcelain veneer and the scratch coat should be moistened with the surfaces appearing damp but free of standing water. The back of each porcelain veneer should be entirely buttered with mortar to a nominal thickness of 1/2 in. (13 mm). Cover the entire back of the porcelain veneer, not just the perimeter. Buttered porcelain veneers should be firmly worked onto the scratch coat and slid slightly back and forth to set the porcelain veneers. Achieve mortar squeeze out in a volume that results in a full setting bed which covers the scratch coat completely. As an alternative to the back-butter only method, mortar may be troweled onto the scratch coat, completely covering the scratch coat. Or, both mortar application techniques may be combined. The resulting thickness of the scratch coat and setting bed should be nominally 1 in. (25 mm) measured from the outer surface of the WRB (Water Resistive Barrier) to the back surface of the unit. With the proper mortar mix, moisture content and scratch coat preparation, the installer will feel the mortar start to grab within a few seconds of the setting movement process. At this point, no further movement of that porcelain veneer should be made as the bond will be broken. If the porcelain veneer is inadvertently moved after initial set has begun, it should be removed, mortar scraped off the back of the porcelain veneer and scratch coat, and then reinstalled following the application process. Tight fitted porcelain veneers should be applied from the corners toward the middle of a wall, and from the bottom toward the top of the wall.

CLEANING AFTER INSTALLATION

After grouting the joints, It is important to remove the excess grout with a sponge and clear water. After 12/48 hours, the grout in the joints will have "set up"/hardened significantly. There will be a noticeable residual "haze". Typically, a diluted acid cleaner ideal for removing "Grout Haze", combined with a soft scrubbing pad will remove the majority if not all the "Haze".

Change your acid/water solution frequently for best results. It is also recommended to keep a bucket of clean water to remove the acid/water solution. It is recommended to keep and use clean dry towels to help remove as much residual water and keep the wall as dry as possible.

Please refer to the cleaning chemical company's suggested methods and dilution rates. For areas with excess grout or grout that becomes adhered to the face of the porcelain veneer, further cleaning with an Acid/ Water Solution may be necessary.

Please refer to the Cleaning Chemical Company's instructions as not all acids or chemicals are the same. The excess grout residue must be removed so that it does not dry and stick on the surface. It is necessary to change the cleaning water frequently and rinse well. If such cleaning procedure is not carried out, or if such cleaning is carried out too late, the grout residue could create an absorbent film, which holds dirt, making the surface difficult to clean: in this case, Landmark Ceramics will not be liable for any damage caused to the surface.

ORDINARY CLEANING

Ordinary maintenance must be carried out using specialized detergents to remove stains but these detergents must not leave a wax, film or membrane residue. Rinsing well with plenty of clean water is a fundamental part of the cleaning procedure, therefore we advise against the use of products which state that they "do not need rinsing".



RECOMMENDED USE

Veneer World is recommended for indoor and outdoor walls, in commercial and residential application. Landmark recommends an offset no greater than 30%, if a staggered pattern is required for tiles of 20" inches or longer. Landmark recommends the use of leveler for a proper installation.

CARE AND MAINTENANCE

Do not apply any wax or sealer to the product after installation. Regular cleaning is the best way to keep Veneer World tiles looking good. Use clean, hot water (add household cleaner for more aggressive cleaning). Rinse thoroughly and dry with a soft cloth to prevent water spots. Please visit **outdoor.landmarkceramics.com**. For further information regarding the care and maintenance of Landmark products.

WARRANTY

Landmark guarantees that its products will meet or exceed the performance specifications set out in ANSI A137.1- 2012 and in the performance specifications section of the Landmark general catalog. For more information, please visit our website at **outdoor.landmarkceramics.com**.





PORCELAIN VENEER PERFORMANCE DATA

PHYSICAL PROPERTIES	TEST ASTM	NORTH AMERICAN STANDARD A137.1*	RESULTS
Water absorption *	C373	≤ 0.5%	COMPLY WITH ANSI A137.1
DCOF Average dynamic coefficient of friction **	ANSI A.326.3	As reported	NOT APPLICABLE
Resistance to freeze/thaw cycling *	C1026	As reported	RESISTANT
Resistance to thermal shock	C484	As reported	RESISTANT
Warpage (edge)	C485	Warpage ± 0.4% or ± 0.05 in	COMPLY WITH ANSI A137.1
Warpage (diagonal)	C485	Warpage ± 0.4% or ± 0.07 in	COMPLY WITH ANSI A137.1
Wedging	C502	± 0.25% or ± 0.03 in	COMPLY WITH ANSI A137.1
Chemical resistance	C650	As reported	UNAFFECTED
** Resistance to stain	C1378	As reported	UNAFFECTED
Thickness	C499	Range: 0.04 in	COMPLY WITH ANSI A137.1
Breaking strength	C648	250 lbf or greater	COMPLY WITH ANSI A137.1

- * Average values referred to our production and related to the matt finish of the product.
- Be sure to use tiles belonging to the same caliber.
 Test results are available on request.
- The information provided can be subject to change. Please refer to one of our websites (Icusa.com or outdoor.landmarkceramics.com) for the latest, most accurate and up-to-date information.

























Landmark Ceramics - UST, Inc. 1427 N. Main Street Mount Pleasant, TN 38474

Tel. 931.325.5700

