

Sustainable Materials
Wall Finishes
Muratto + Textura + Versacork



www.SustainableMaterials.com

Sustainable Materials

About Us

Sustainable Materials, by design and through its business model, helps develop and bring cutting edge European design and innovation to the North American decor market. We achieve this by leveraging our deep manufacturing partnerships throughout Europe.

With a focus on sustainability (raw material inputs and low toxicity), product development revolves around creating better products. Even an environmental skeptic would use them because of their excellent technical and design merits. We have then achieved our goal. And sustainability is inherent. We believe in creating better products for a brighter and more sustainable future.

Having won numerous 'global' design awards and accolades, Sustainable Materials' products grace walls, ceilings, and shelves of leading corporations the world over. From Hospitality and Healthcare, to Store and Office design, to the 'retail' channel and OEM production, the marriage of our manufacturing capabilities with a deep product development and design skillset prove an invaluable asset to our partners. We are focused, nimble, and able, and deliver on our clients' expectations, whether standard in nature, or customized based on specific needs.

Please look through this brochure, and supplement it by navigating through our website to see our complete product line and all associated information. Also, please visit our sister company, Sustainable Flooring (www.SustainableFlooring.com), which follows the same product development mindset and beliefs, but instead focuses on innovations with commercially-viable flooring.



Pete Nichols, President

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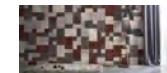


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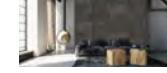
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Muratto®

Muratto® is one of the most recognized and respected natural surface brands in Portugal. An effective cooperative, focusing on bringing sustainable innovations in wall and surface decor to market, Muratto has proven its worth since its inception in 2013. Its unique products have resulted in enthusiastic consumers around the world. Muratto has four directives in its approach to product development: Natural Lifestyle, Design, Sharing, and Comfort.

NATURAL LIFESTYLE

Muratto bases its processes and innovations on sustainable design. Whether working with natural raw materials or designing a product around a material's inherent technical attributes, the natural element of raw material selection drives Muratto's design innovations.

DESIGN

Good design is evident in everything that comes from Muratto. Leveraging cultural and historical design elements from around the globe, Muratto benefits from the input of its network of international designers. Muratto then develops manufacturing methods to bring these visions to reality, engaging its skilled multigenerational Portuguese craftsmen and women. Bringing the spectrum of international design together with the handiwork of skilled artisans has helped define Muratto's identity and resulted in global Design Awards and accolades.

SHARING

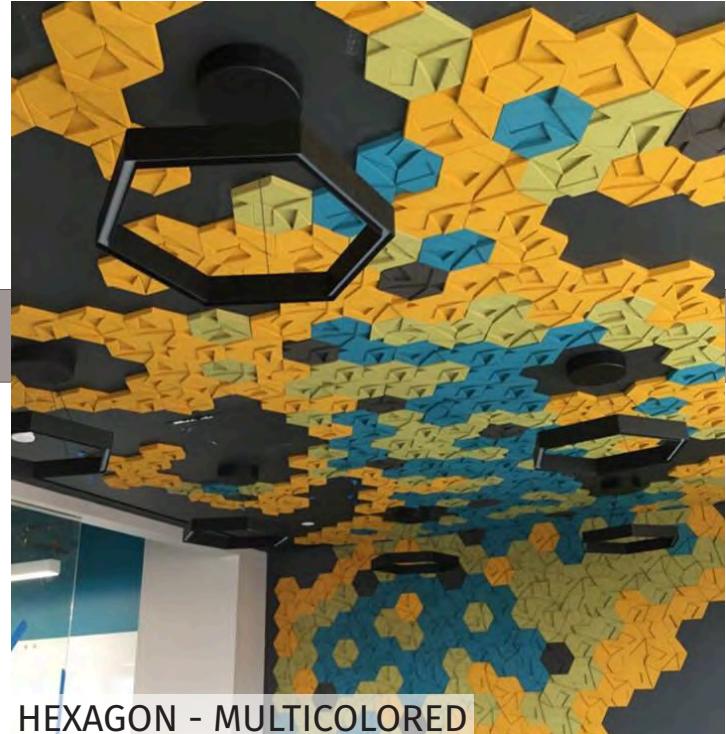
Sharing is an integral part of Muratto's mission. With an historic background based on the Portuguese tradition of sharing, whether a meal with family or spending time to embrace one's surrounding with others, Muratto believes in bringing this tradition full circle. Looking beyond their immediate reach into an online presence, Muratto engages partners and clients in almost 50 countries. Shared discussions and feedback are integrated into all aspects of its operations.

INTERIOR COMFORT

Comfort and what that means for a building's occupants is a focus in their design. Each product developed is endowed with features that enhance the daily life of its user. Inspirational visual impact, acoustic sound mitigation and ambient comfort are key elements in all of Muratto's innovations. Regardless of how one uses their individual senses to find interior comfort, Muratto is continuously working on product development in ways that contribute to this goal.

muratto® Organic Blocks™

a color-infused, densified, and molded cork surface treatment that provides sound absorption while offering a visually customizable 3-dimensional décor element. Each shape and pattern is available in 14 standard colors.



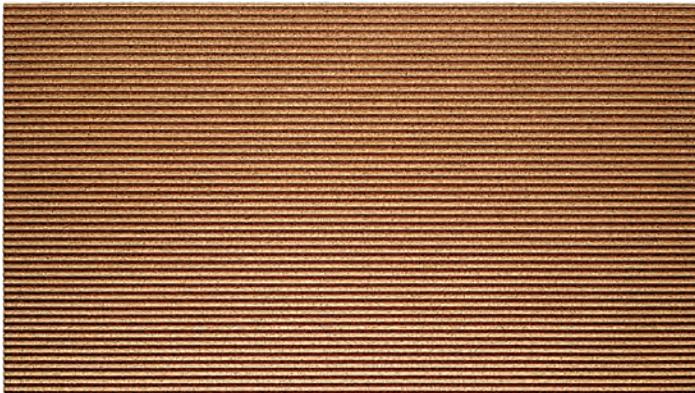
 customizable



 recycled + rapidly renewable

Organic Blocks Strips

are our larger format, lower relief panels that excel in larger installation areas where understated décor elements are of greater importance than striking visual artistic designs.



Infinity

690*390*7mm/pc
~(27 1/6" x 15 1/3" x 5/16")
10 pcs / box
~(29.6 sqft / box)



Zigzag

702*398*7mm/pc
~(27 5/8" x 15 5/8" x 5/16")
10 pcs / box
~(30 sqft / box)



Wave

507*504*7mm/pc
~(20" x 19 7/8" x 5/16")
10 pcs / box
~(27.5 sqft / box)

Step

707*487*12mm/pc ~(27 7/8" x 19 1/6" x 1/2")
10 pcs / box ~(37 sqft / box)



Geometric

634*400*7mm/pc ~(25" x 15 3/4" x 5/16")
10 pcs / box ~(27.3 sqft / box)



Noise Reduction Coefficient: 0.30
(absorbs ~50% of human voice frequency)

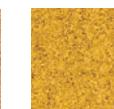
Fire-rating: Class A (in 'sprinkled assemblies; Class B is standard)

Installation: Direct glue

Color Options



Natural



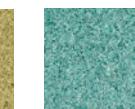
Yellow



Red



Olive



Turquoise



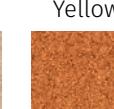
Taupe



Grey



Ivory



Copper



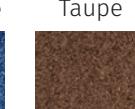
Bordeaux



Emerald



Blue



Aubergine



Black

Organic Blocks

Design Blocks

is the flagship line within the Organic Blocks that presents itself in high-relief, molded, geometric shapes that either are installed in a single color or can be intermixed for a more customized full wall or 'artistic feature' installation.



Chock

250*250*24mm/pc
~(9 7/8" x 9 7/8" x 1")
16 pcs / box
~(10.76 sqft / box)



Minichock

250*250*24mm/pc
~(9 7/8" x 9 7/8" x 1")
16 pcs / box
~(10.76 sqft / box)



Peak

250*250*24mm/pc
~(9 7/8" x 9 7/8" x 1")
16 pcs / box
~(10.76 sqft / box)



Beehive

250*180*22mm/pc
~(9 7/8" x 7 1/8" x 7/8")
16 pcs / box
~(7.75 sqft / box)



Senses

250*160*45mm/pc
~(9 7/8" x 6 1/4" x 1 3/4")
15 pcs / box
~(4.68 sqft / box)



Hexagon

220*190*30mm/pc
~(8 2/3" x 7 1/2" x 1 2/5")
22 pcs / box
~(7.41 sqft / box)



Drop

224.2*150*34.4mm/pc
~(8 7/8" x 5 7/8" x 1 1/3")
15 pcs / box
~(3.63 sqft / box)

Noise Reduction Coefficient: 0.30
NRC (absorbs ~50% of human voice frequency)

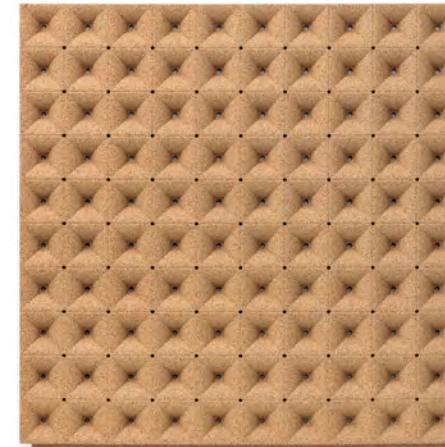
Fire-rating: Class A (in 'sprinkled assemblies; Class B is standard)

Installation: Direct glue

Organic Blocks

Acoustic Panels

are designed to provide very high levels of acoustic absorption using a contemporary aesthetic that embraces shadowing elements which add greater transitional 'depth' to the designs.



Undertone

500*500*29mm/pc ~(19 5/8" x 19 5/8" x 1")
4 pcs / box
~(10.76 sqft / box)

Noise Reduction Coefficient: 0.70
(installing w/ 'sleeper' system;
0.60 – as direct glue)

Fire-rating: Class A (in 'sprinkled assemblies; Class B is standard)

Installation: 'sleeper' system or direct glue



Buzzer

500*500*29mm/pc ~(19 5/8" x 19 5/8" x 1")
4 pcs / box
~(10.76 sqft / box)

Noise Reduction Coefficient: 0.80
(installing w/ 'sleeper' system;
0.70 – as direct glue)

Fire-rating: Class A (in 'sprinkled assemblies; Class B is standard)

Installation: 'sleeper' system or direct glue

Color Options



Natural



Ivory



Yellow



Copper



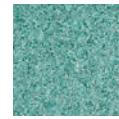
Red



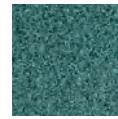
Bordeaux



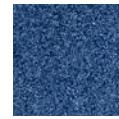
Olive



Turquoise



Emerald



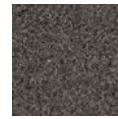
Blue



Taupe



Aubergine



Grey



Black



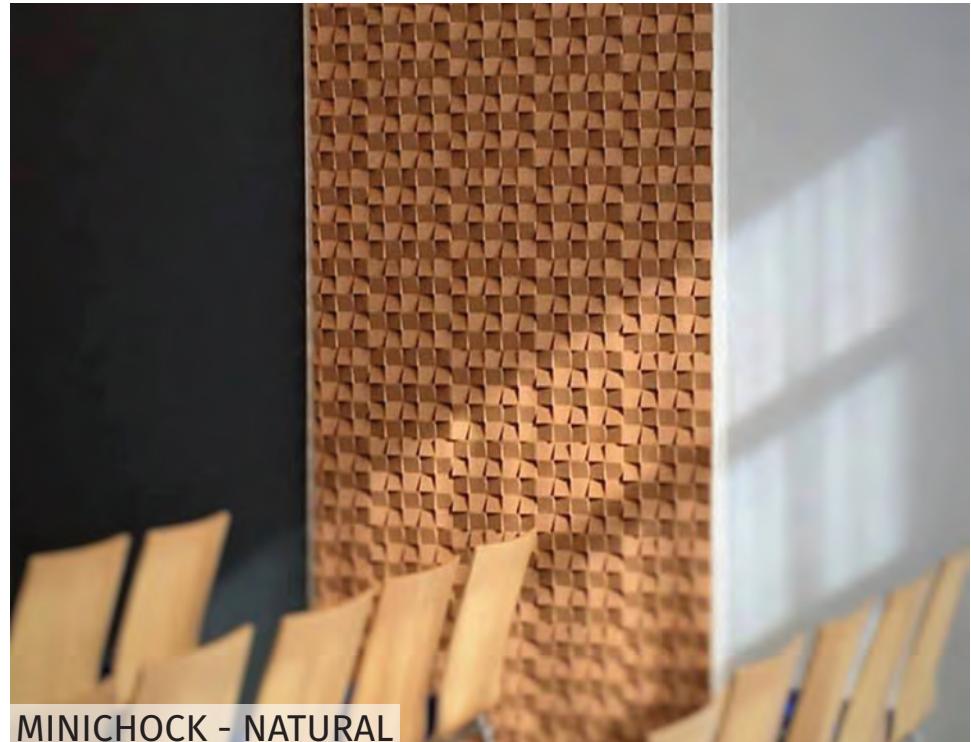
BUZZER - OLIVE + TAUPE



BEEHIVE - NATURAL



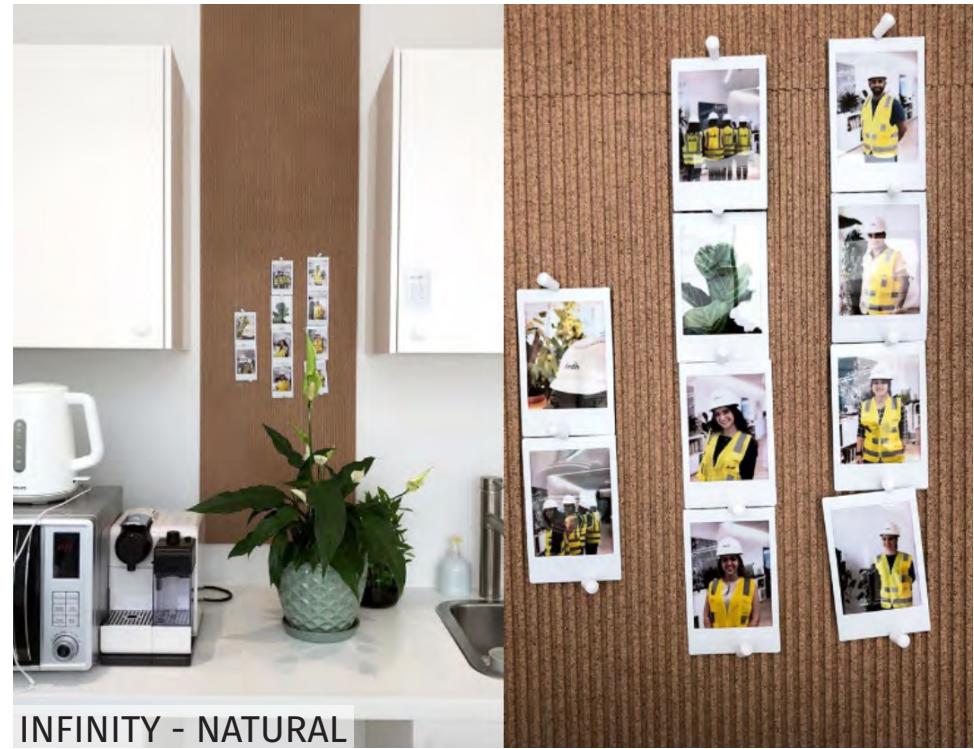
WAVE - IVORY



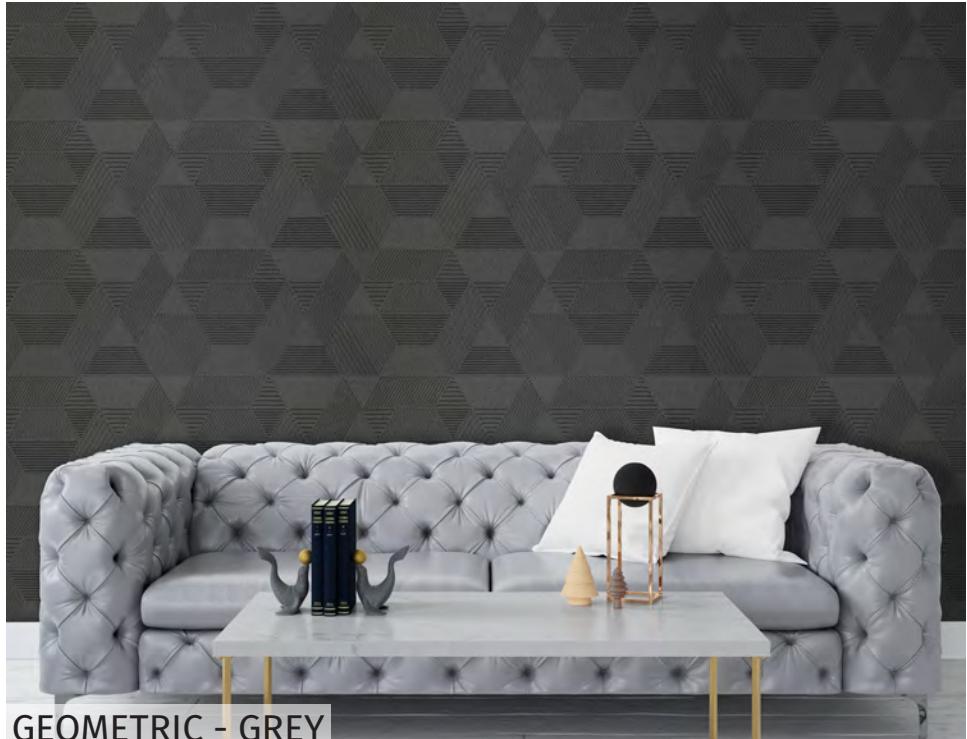
MINICHOCK - NATURAL



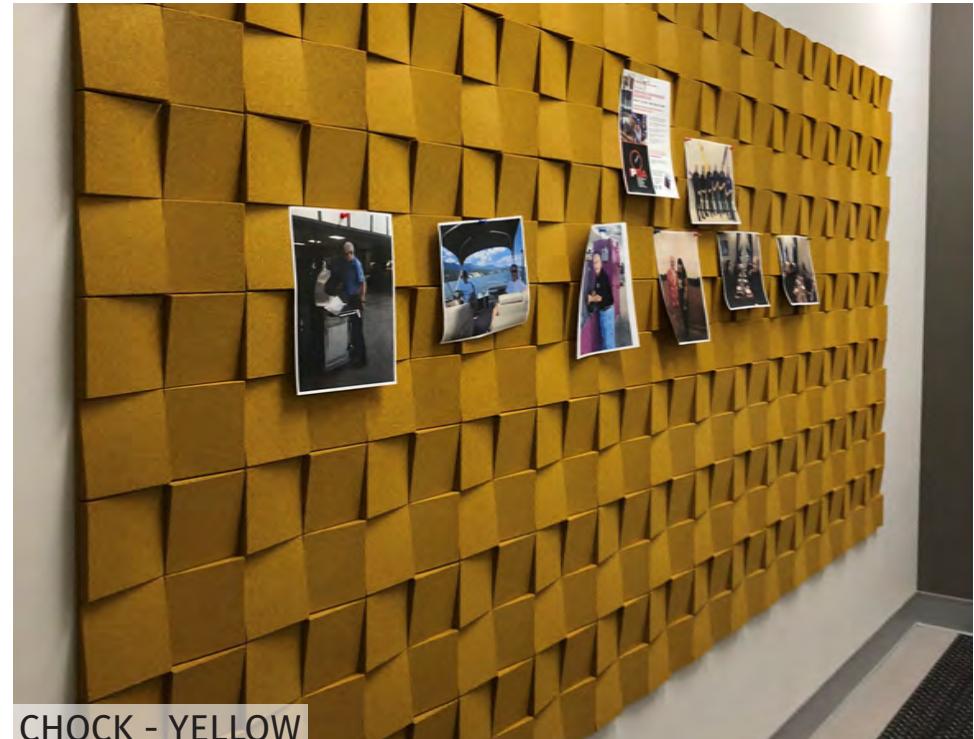
PEAK - TURQUOISE + NATURAL + BLACK



INFINITY - NATURAL



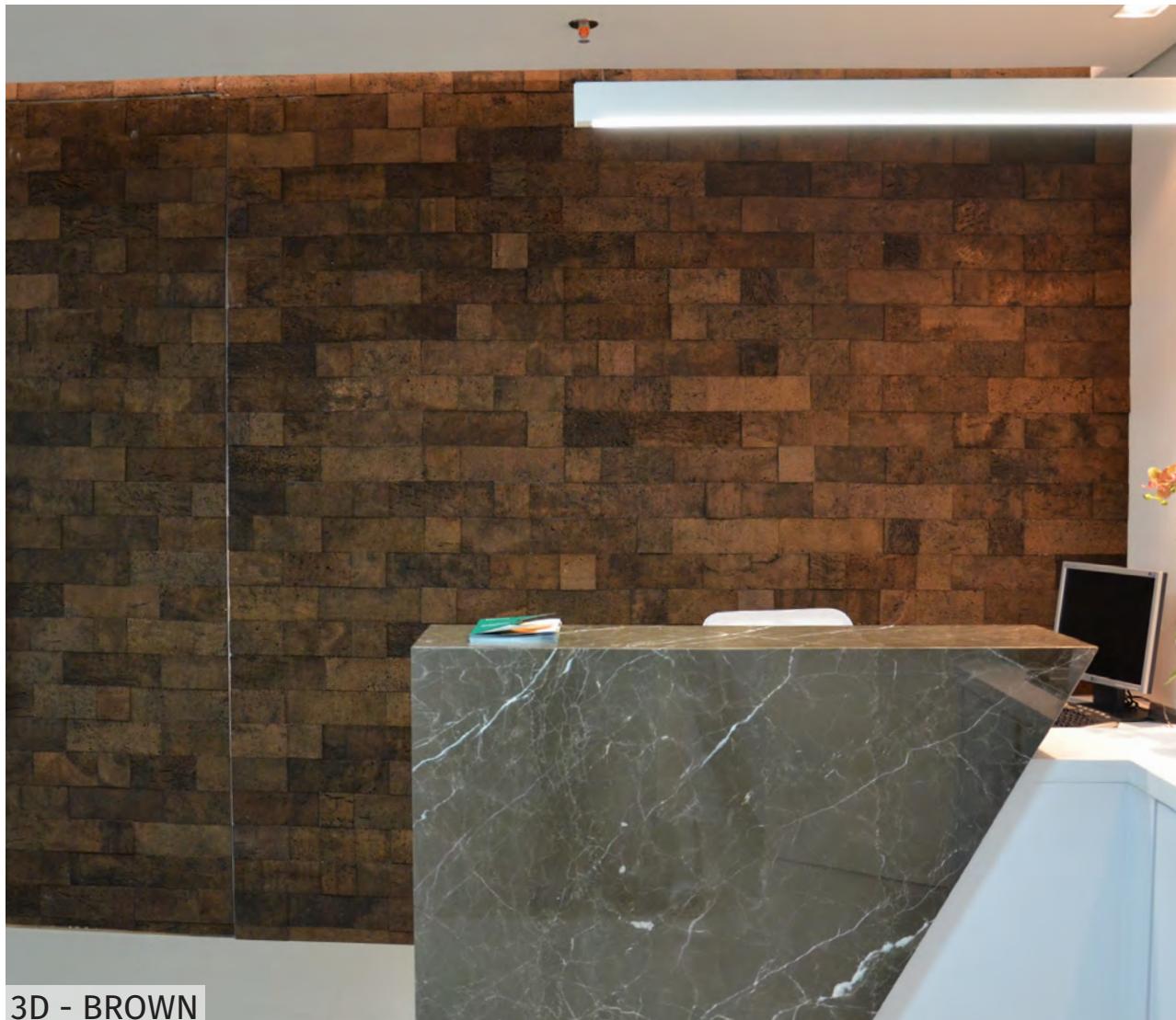
GEOMETRIC - GREY



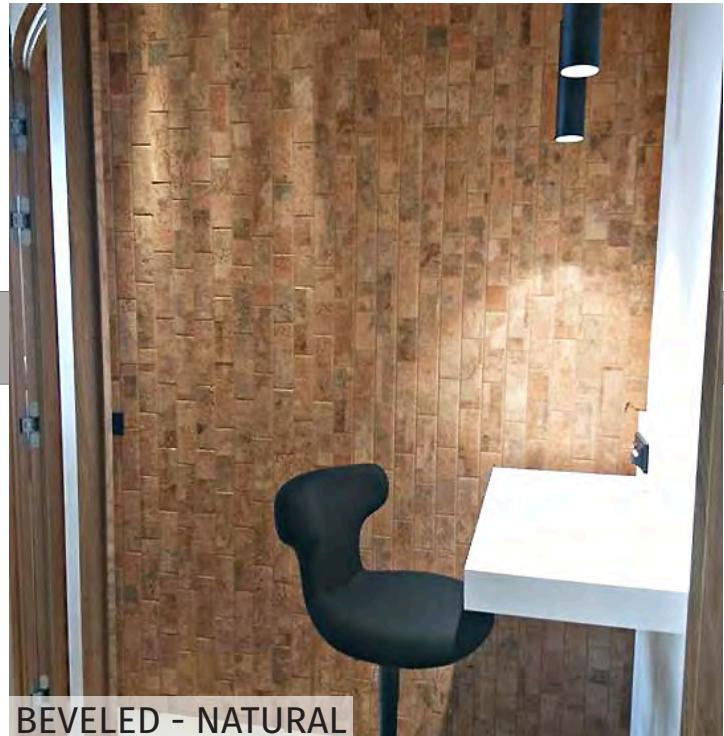
CHOCK - YELLOW

muratto® Cork Bricks™

a textured and 3-dimensional wall finish made from natural cork bark, offering sound absorption, a tackable surface, and availability in multiple full-body 'immersion' color options. Available in 3D, Beveled, and Grand versions.



3D - BROWN



BEVELED - NATURAL

 **tackable + resilient**



GRAND - MULTICOLORED

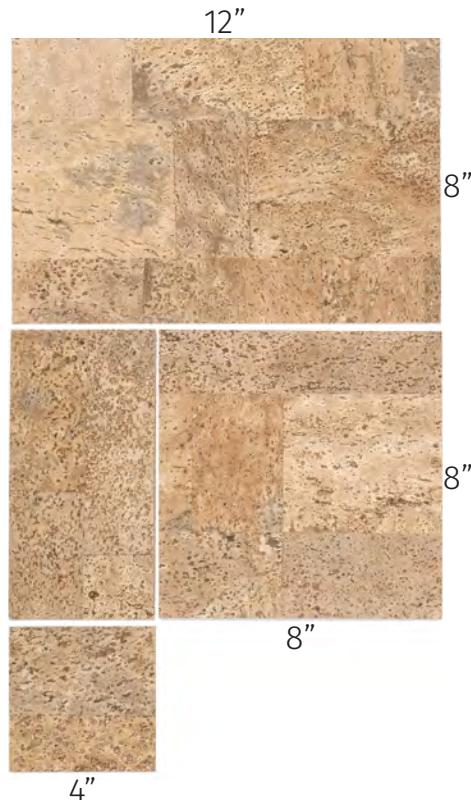
 **effectively absorbs sound**

muratto[®]
Cork BricksTM

3D Version



Grand Version



Beveled Version



*approximate size based on metric conversion

3D Component Sizes:

300*100*7mm ~(12" x 4" x 5/16")
200*100*11mm ~(8" x 4" x 7/16")
100*100*14mm ~(4" x 4" x 9/16")

3D Quantity per box:

27 pieces (9 of each size)
5.81 sq. ft. / box

3D Installation:

Water-based contact cement

Beveled Size:

230*70*7mm ~(9" x 2 3/4" x 5/16")

Beveled Quantity per box:

62 pieces
10.74 sq. ft. / box

Beveled Installation:

Water-based contact cement or self-adhesive



Natural



Black



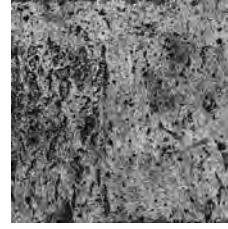
Brown



Terracotta



Ivory



Black Silver



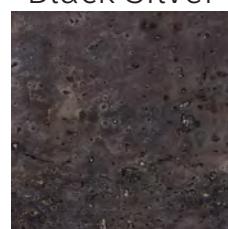
Brown Silver



Green



Heartwood



Grey



Brown Gold

Grand Component Sizes:

300*200*4mm ~(12" x 8" x 2 1/16")
200*200*7mm ~(8" x 8" x 5/16")
200*100*11mm ~(8" x 4" x 7/16")
100*100*14mm ~(4" x 4" x 9/16")

Grand Quantity per box:

32 pieces (8 of each size)
11.19 sq. ft. / box

Grand Installation:

Water-based contact cement

Composition:

100% natural cork bark

Noise Reduction Coefficient:

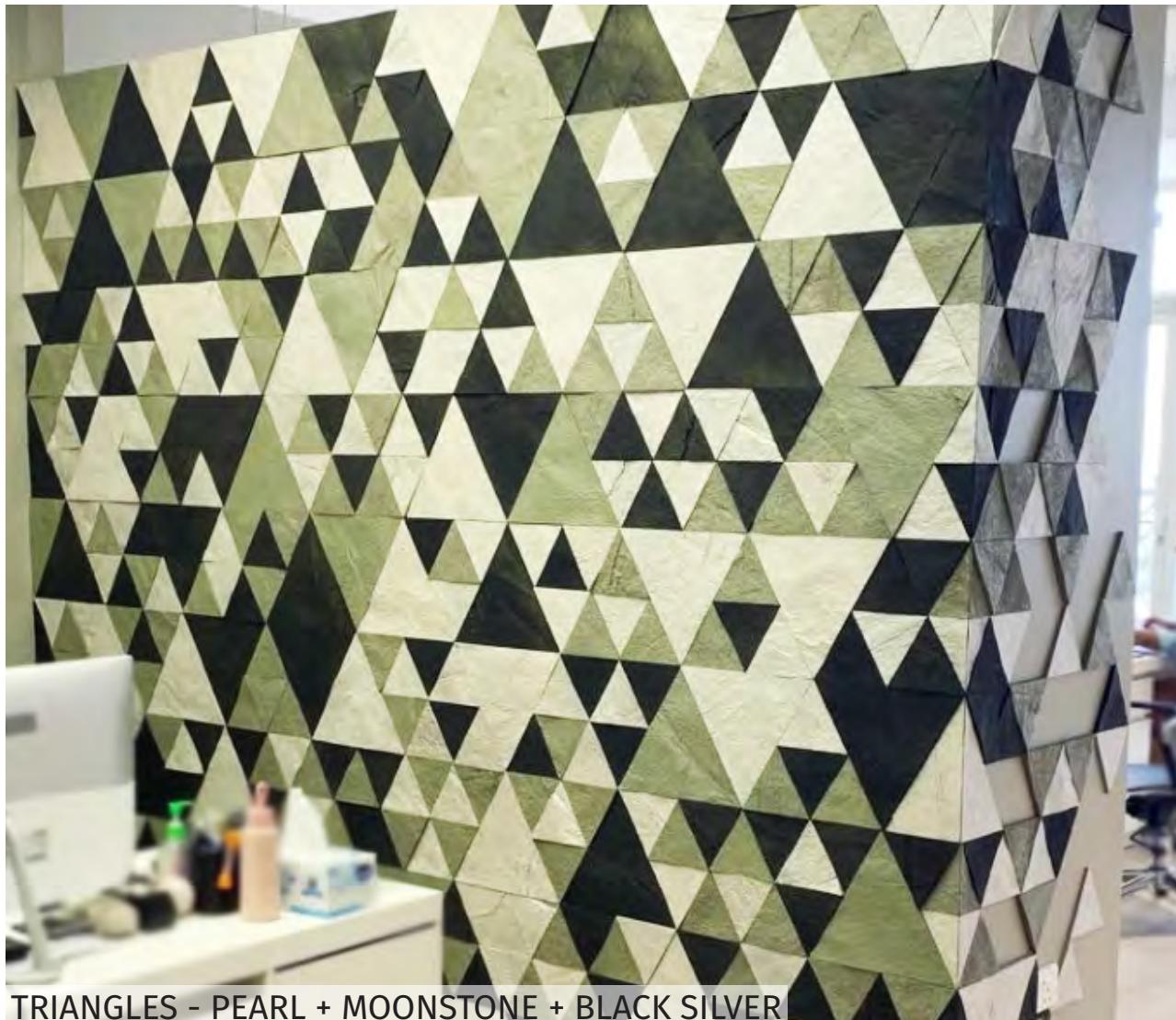
0.15 NRC (absorbs approx. 40% of sounds in the human voice frequency range)

Colorization:

Water-based, anti-bacteria pigmentation achieved through 'immersion'

muratto® Korkstone™

an extremely durable and densified ('stone-like'), 3-dimensional granulated cork tile purposely designed in varying thicknesses and coated with metallic pigments.
Available in square-edged (Classic) and triangular (Triangles) formats.



3-dimensional profile



highly densified and stable



Moonstone



Platinum



Brown
Gold



Brown
Silver



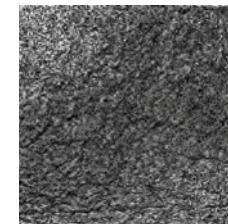
Smoked
Quartz



Pearl



Black
Gold



Black
Silver



Sandstone
Black



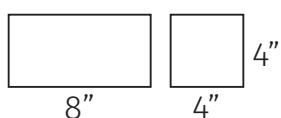
Sapphire

Classic Component Sizes:

200*100mm ~(8" x 4")

100*100mm ~(4" x 4")

- packaged in boxes of 66 pieces (33 of each size)



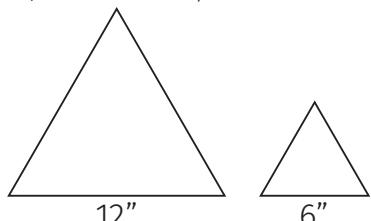
*approx size in inches based on metric conversion

Triangles Component Sizes:

300mm ~(12") each side

150mm ~(6") each side

- packaged in boxes of 51 pieces (17 of 300mm; 34 of 150mm)



Thickness:

7 - 13mm ~($\frac{5}{16}$ " - $\frac{9}{16}$ ")

thickness varies across individual pieces

Coverage:

10.66 sq. ft. per box

Finish:

Metallic pigmentation

Composition:

100% granulated cork

Installation:

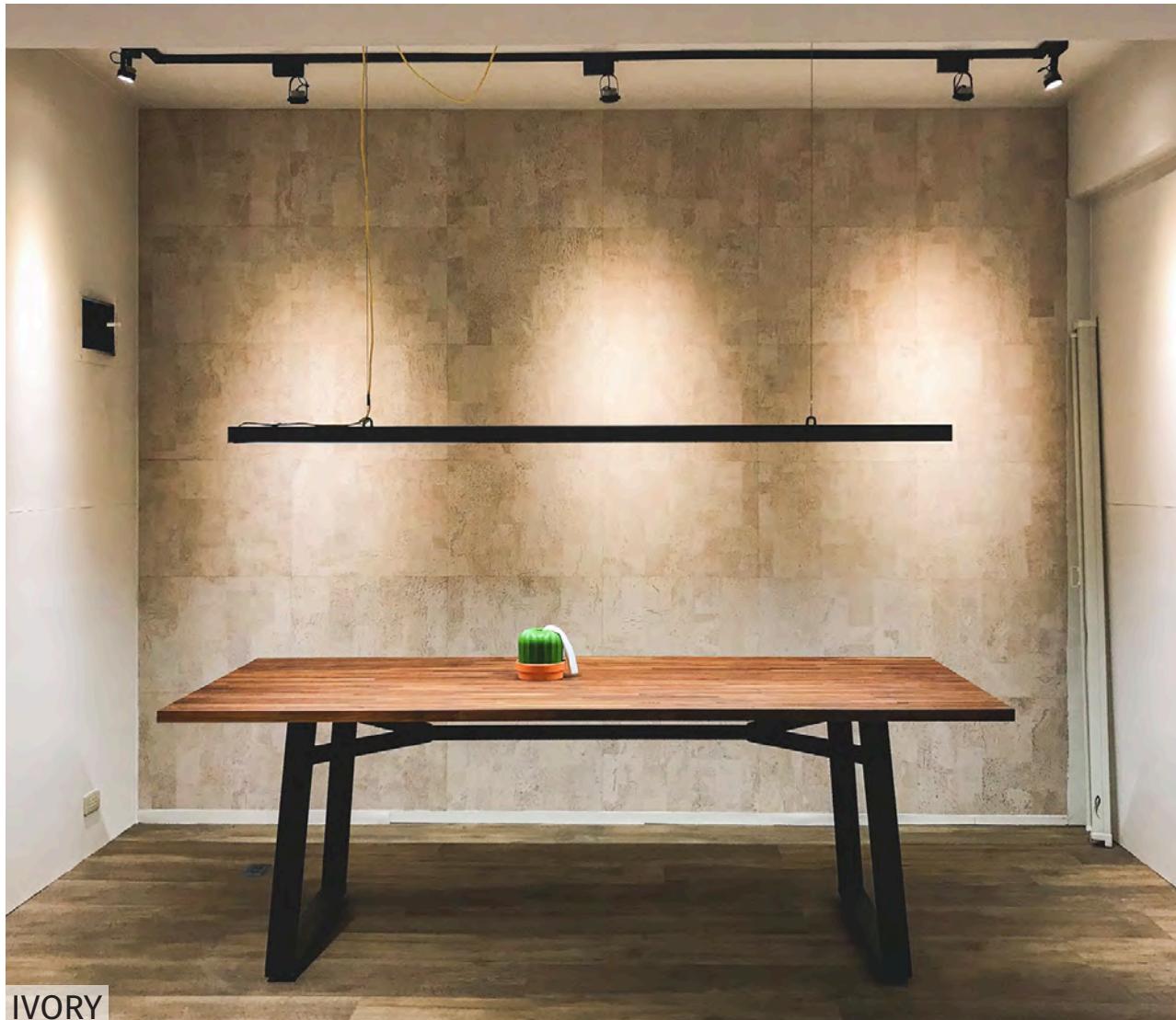
Water-based contact cement or other applicable fast bonding construction adhesive

Customization:

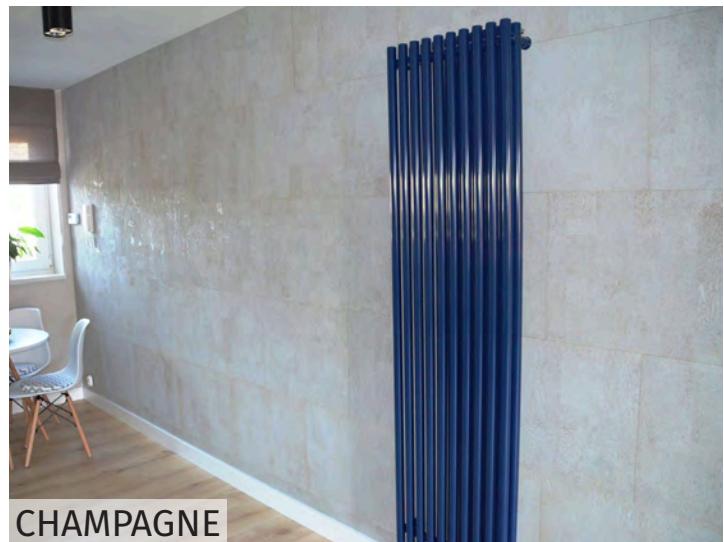
Product can be site-painted

muratto® Primecork™

a large format, moderately flexible, and extremely durable cork wall panel made with a proprietary dual-veneer surface lamination. Available in silky smooth natural cork visuals, as well as stone and metallic looks.



 **silky smooth visual appeal**



 **options to complement any decor**



Natural



Cappuccino



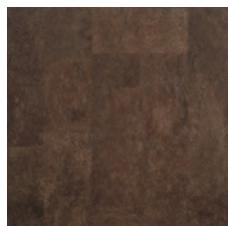
Champagne



Taupe



Moka



Brown



Silver



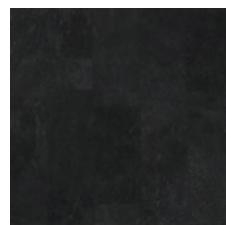
Marble



Leather



Ivory



Dark Grey



Black

Size:

600*450*4mm
~(23.6" x 17.7" x 1/6")



Quantity per box:

12 pieces (34.88 sq. ft.)

Composition:

Pigmented cork veneer with a natural protective finish on a conglomerated cork panel

Installation:

Water-based contact cement or other applicable fast bonding construction adhesive

Finish:

Natural, water-repellent, low-sheen finish

Customization:

Product available in custom sizes and dimensions

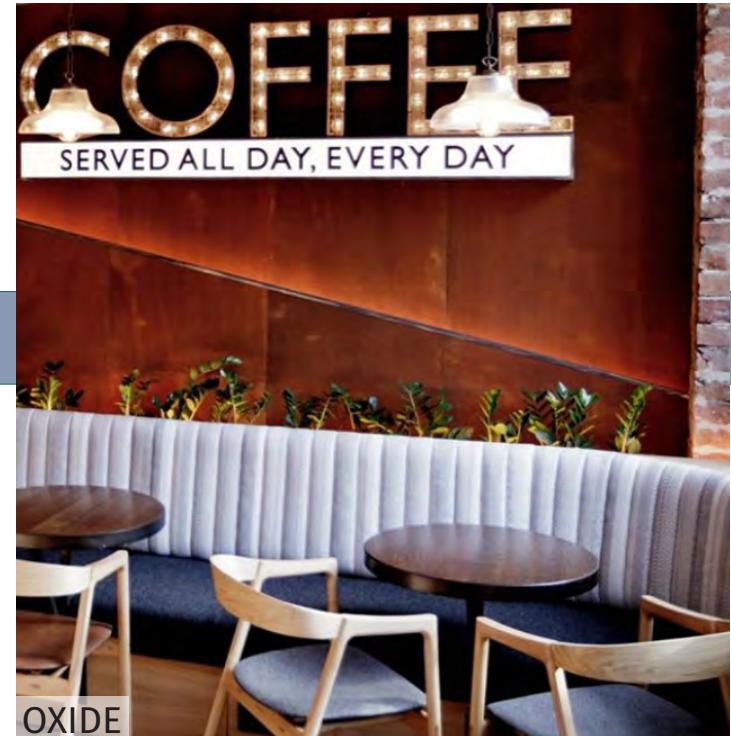
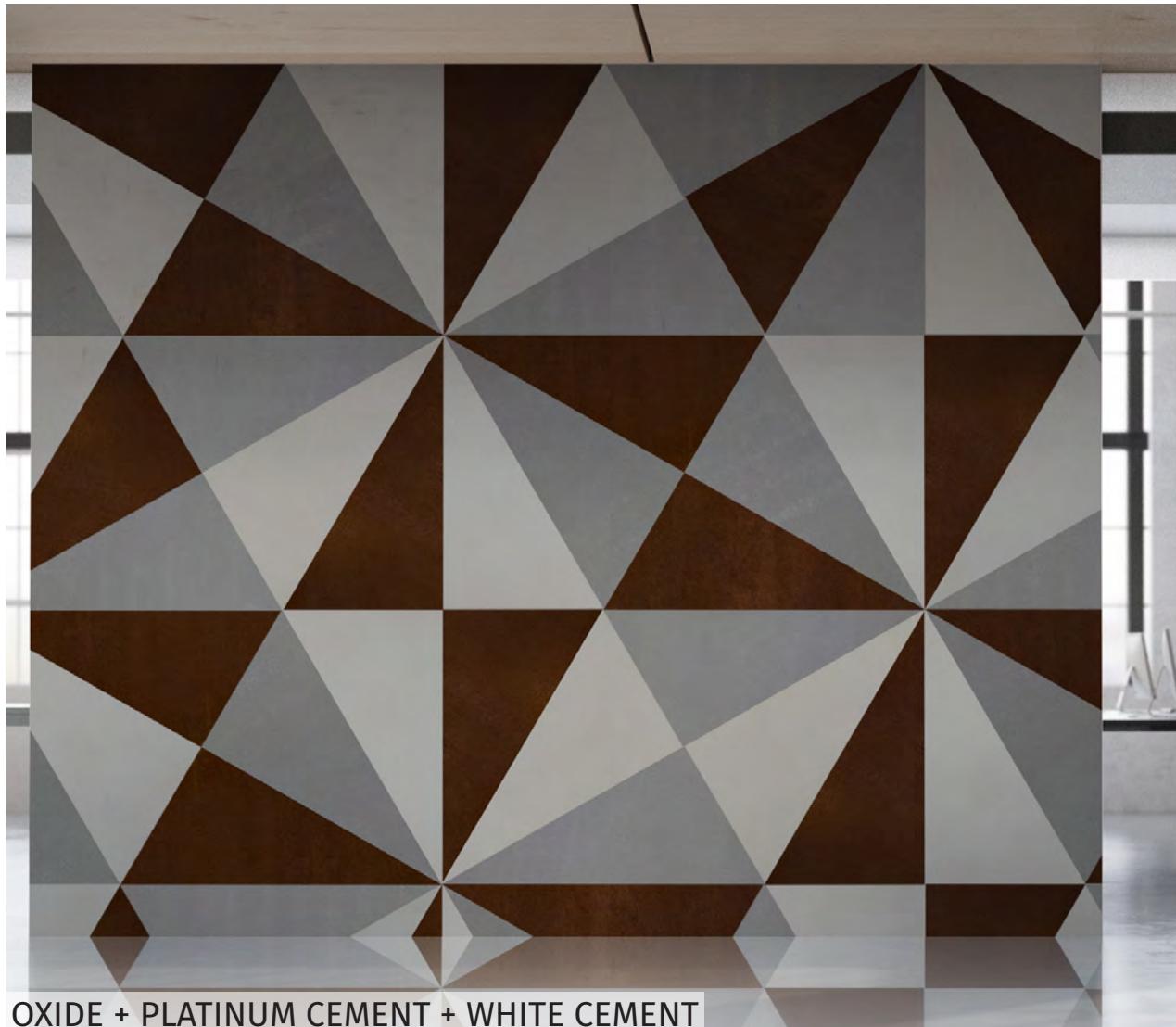


impermeable finish

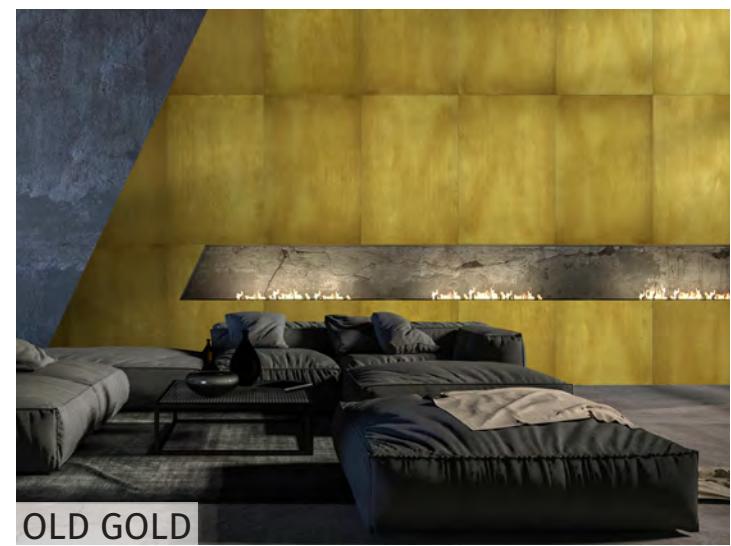
*approx size in inches based on metric conversion

muratto® Metalegance™ Pure

a thin, extremely flexible, magnetic and fire-resistant natural 'stone-dust' panel made using a proprietary coating system that produces finishes ranging from cementitious to metallic.



 thin and flexible



 magnetic surface

Metalegance™ Pure



Black



Copper



Brass



Platinum

Old
GoldOld
BronzeClear
CementPlatinum
CementRoyal
Gold

Oxide

White
Cement**Size:**

900*600*2mm
 ~(35.4" x 23.6" x 1/12")



*approx size in inches based on metric conversion

Quantity per box:

8 panels (46.5 sq. ft.)

Composition:

Natural composite mixture of modified silicates, aluminum oxide, and mineral fibers

Finish:

A proprietary synthetic blend using metallic granules and natural pigments

Installation:

Water-based contact cement or other applicable fast bonding construction adhesive

Fire Resistance:

Fire Rated

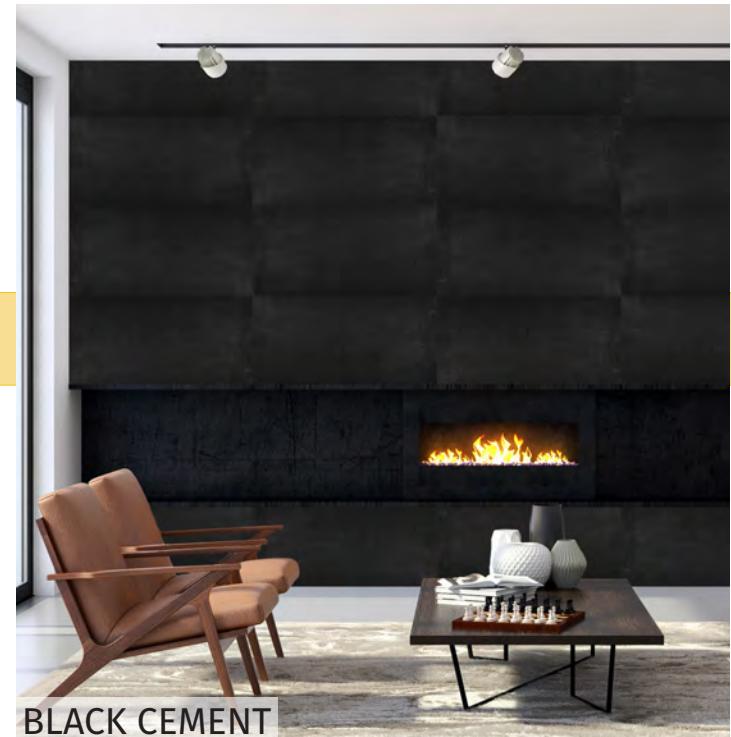
Customization:

Custom sizes and shapes; panels up to almost 10' in length available



muratto® Concrete Flex®

a thin and flexible 'composite' concrete that redefines the concept of what concrete is and can be. Concrete Flex is impermeable to fire and water, and can be used inside or out, and/or on furniture and millwork components.



 real concrete composite



 exterior + interior applications

Concrete Flex



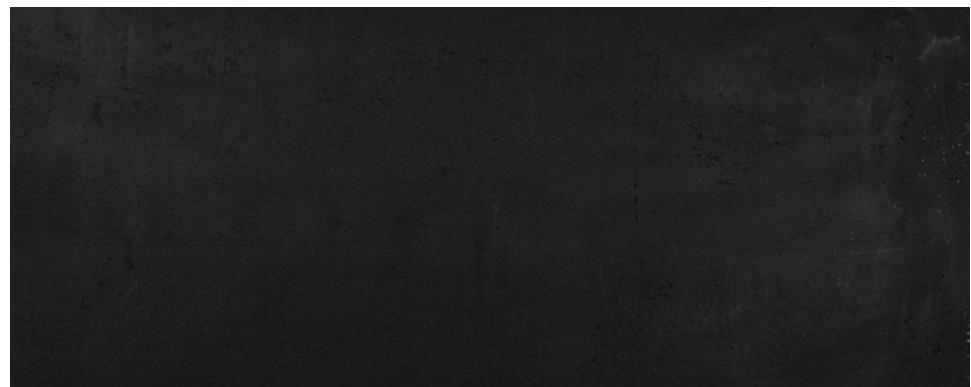
Light Cement



White Cement



Dark Cement



Black Cement

Tile Size:

1000*490*1.7-2.5 mm
~(39 3/8" x 19 1/3" x 1/12")

Also available in:

Sizes up to 3m (118") long x 1m
(39.3") wide

Quantity per box:

10 panels (52.7 sq. ft.)

Composition:

Cement with proprietary acrylic binder

Installation:

Water-based contact cement or a unilateral glue

Finish:

Material is unsealed (the application of a stone sealer is recommended in exterior, wet, or high-traffic applications)



flexible (can wrap tight columns)



light weight (0.5 lb./ft²)



fire-resistant



Textura®

TEXTURA® is a brand of wood wall decor. It uses sustainable wood to create a rich looking aesthetic. Textura also incorporates several main directives in its product development and design. It especially focuses on natural raw materials, dimensional design, and excellent quality components. Textura sources its raw materials from within North America, and byproduct when and where applicable. The focus on dimensional design is also important for Textura's appeal, as is its use of low toxic components and finishes.

Textura Recycled is an interlocking wood wall panel. It is designed to highlight and embrace the natural beauty of real wood. The juxtaposition of varied thicknesses and sized slats contribute to a rich array of textures. Made from natural wood – some recycled and reclaimed – Textura Recycled is mounted on Baltic Birch plywood. The staggered edge and interlocking panels contribute to a seamless look, making installation straight forward. Available in three different heights, each with a different thickness, the Oak, Maple, Walnut and 'mixed species' choices effectively provide a varied palette of options. Textura Recycled brings an aesthetic of modern clean lines with an element of depth and texture to the forefront.

Textura Thermosaics is a dimensional line of wood tiles, made from fast growing North American Fir. It is thermally modified and presented in geometric wood shapes. Natural thermal and kiln drying result in a teak-like color with a rich patina. It is designed with minimal space between each piece allowing for inherent expansion and contraction. Each staggered edge mesh-backed tile effectively interlocks with the next to create a seamless visual. Available in several standard patterns, this product can also be customized. Textura Thermosaics is a go-anywhere product that brings the warmth of wood to the inside.

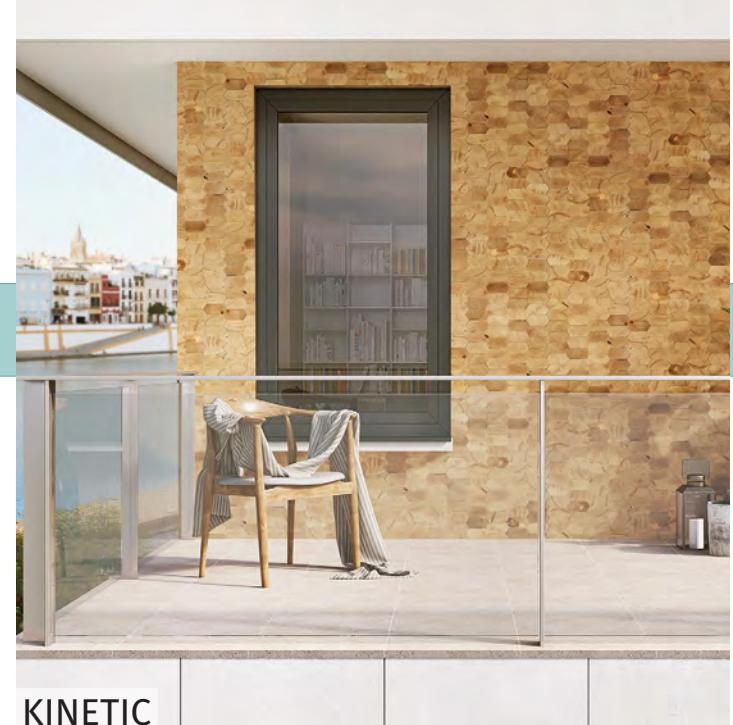
...the Possibilities

Versatility at your fingertips. All Textura materials are available as finished or unfinished. The finished line is based on the specific species used. The unfinished line is available if a custom color is chosen for your design. Wood panel or tile is readily available in the Textura line. Textura brings 3-dimensional wood decor to your projects using sustainable materials and processes.



Textura® Thermosaics

a 3D tile mosaic made from kiln dried and thermally modified sustainably-harvested North American Fir. Available in several different patterns, the mesh backed tiles enable a seamless look bringing geometry to the next level.



seamless design

Textura® Thermosaics



Hudson

12 $\frac{3}{8}$ " x 10 $\frac{3}{4}$ " x ($\frac{3}{8}$ " - $\frac{5}{8}$ ")

10 pieces / box

9.3 sqft / box



Plato

12 $\frac{7}{8}$ " x 11" x ($\frac{3}{8}$ " - $\frac{5}{8}$ ")

10 pieces / box

9.9 sqft / box



Kinetic

12 $\frac{1}{2}$ " x 11 $\frac{3}{4}$ " x ($\frac{3}{8}$ " - $\frac{5}{8}$ ")

10 pieces / box

10.3 sqft / box



Customization:

Custom geometric patterns (inquire for options), Equal-thickness tiles, and available 'unfinished' (for site-applied stain/pigment application)

Finish:
UV sealant

Composition and Construction:
Kiln dried and thermally modified North American Fir on a mesh backer

Installation:
Direct glue

Fire Rating:
Fire retardant can be applied on site

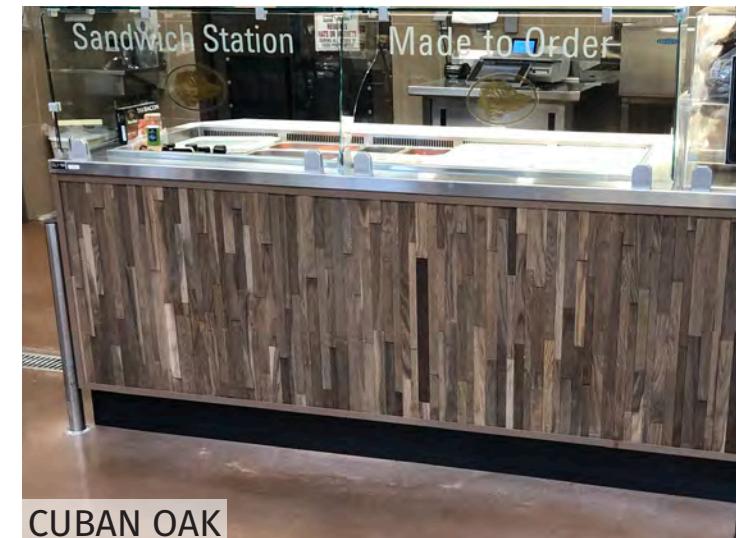
 **modular tile format**

Textura® Recycled

an interlocking wood wall panel that uses the beauty of natural wood to provide modern lines with an element of depth and texture. The staggered edge and interlocking panels make the seamless installation a breeze.



variety of species and colors



seamless wood panels

Textura® Recycled Domestic Series



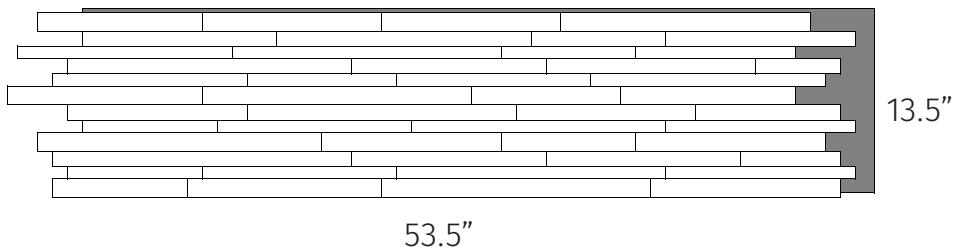
Walnut



Cuban
Oak



Mossy
Maple



Domestic Size:

13.5" x 53.5" x ~3/8"

30 sq. ft / box (6 panels)

Finish:

UV-cured urethane

Jungle Size:

12" x 60" x ~1/2"

25 sq. ft / box (5 panels)

Finish:

100% Natural Oil

Textura® Recycled Jungle Series



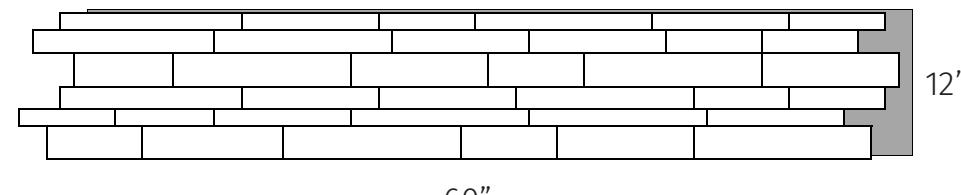
Jungle
Light



Jungle
Dark



Jungle
Medium



Composition and Construction:

Wood strips laminated onto
Baltic Birch ply-core

Accessories:

Contour moldings

Installation:

Construction adhesive

Customization:

Other select species and colors
based on certain minimums



Versacork®

Versacork Concepts evolved from the belief that sustainable product development revolves around using readily available material. It then embraced the features of that material to create an enduring product with a range of applications.

VERSACORK® is a tile mosaic made from rapidly renewable cork. The cork, harvested from the cork oak tree, is peeled from the trunk of the tree, leaving it to regrow naturally. Versacork is a 100% byproduct of the cork stopper industry. The cork mosaics are created by cutting the individual pieces to size and mounting them on a mesh backer, which defines the spacing. This adds to ease of installation. Cork in this unaltered state is only found in Versacork. It brings to the design world unique aesthetics, versatility, and intrinsic technical merit.

Cork – Nature's Material

Cork is a unique material. Consisting of more than 200 million cells of air per cu.in., cork's innate structure provides tremendous elasticity, enabling compression to half its size without loss of flexibility. A wine cork removed from a wine bottle is a good example of this. Cork is also impermeable to moisture. Think of how wine bottles can be stored on their sides for decades. The material's compression and impermeability contribute to its excellent thermal and acoustic strengths.

Versacork's Technical Strength

Versacork has unmatched technical value when used in a flooring application:

- **Impermeability** – can be used in wet applications including showers
- **Elasticity + Slip Resistance** – provides softness underfoot with excellent slip resistance
- **Thermal insulation** – warm to the touch when walked upon
- **Acoustic insulation** – absorbs and dissipates sound transmission

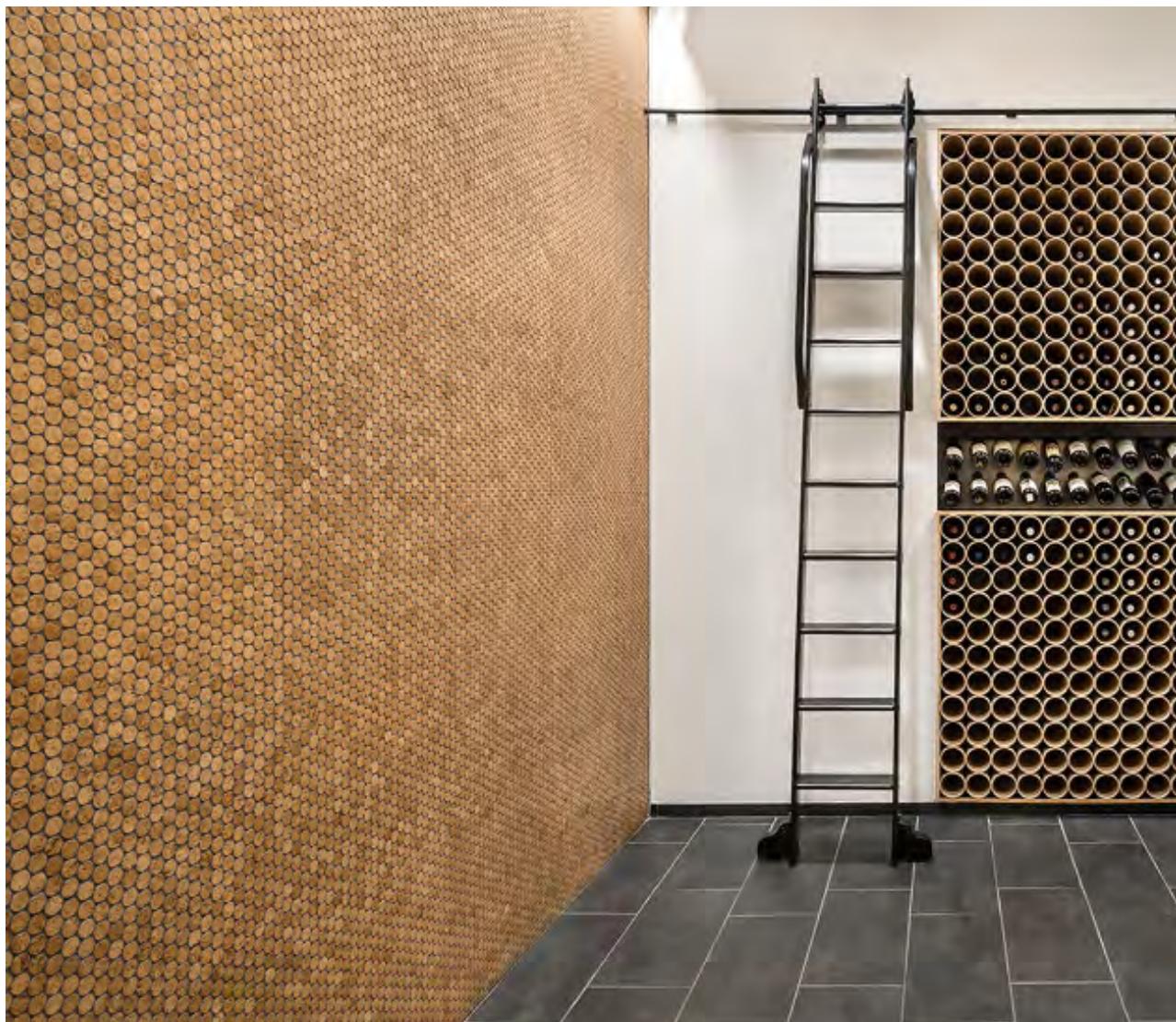
Versatility in Design

Versacork's color is attractive in its natural state. And it can easily be stained using a commercial stain before installation. Versacork was originally designed as a flooring material. However, it is now used extensively in wall applications, to cover furniture/millwork components, and as decking for ocean faring yachts. Versacork is truly sustainable - offering many lifestyle benefits and values that other mosaic or flooring materials do not have.



Versacork®

a 'post-industrial', recycled cork mosaic tile sourced as 'by-product' from the wine bottling industry. Suitable for flooring and wall installations, Versacork provides unmatched design versatility with technical benefits no other tile can offer.

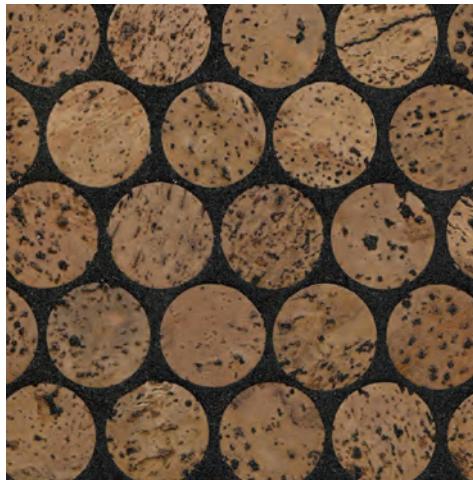


 wet and dry applications



 thermal insulator

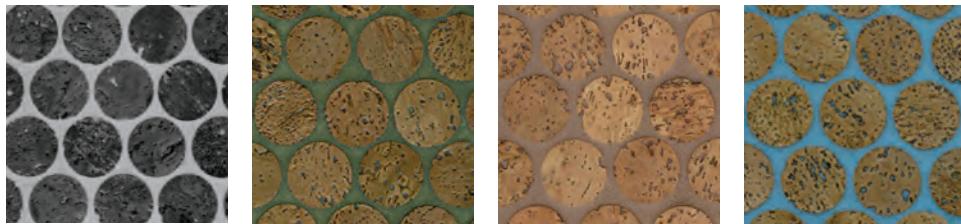
Versacork®



Premium



MEGA



Variety of stain and grout options

Size Options:

Premium
Discs: 1" diameter
Sheet size: ~ $1\frac{1}{4}$ " x 1' x 2'

Mega
Discs: $1\frac{3}{8}$ " diameter
Sheet size: ~ $1\frac{1}{4}$ " x 2' x 2'

Finishes and Construction:

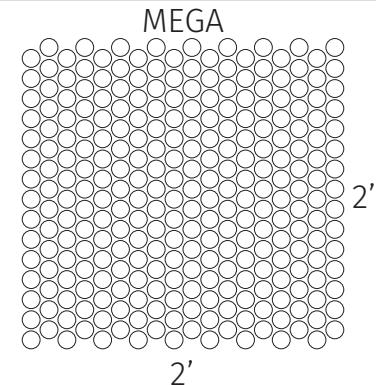
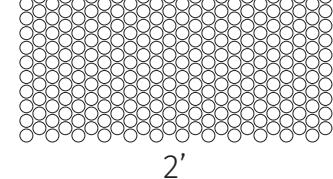
Prefinished:

- UV cured urethane
- Mesh backing

Unfinished:

- Stainable and sealable
- Plastic-faced for easy installation

Premium



Installation:

Grouted tile mosaic

Coefficient of Friction:

Exceeds ADA standards for slip resistance

- Wet .879
- Dry 1.1

Composition:

Solid 'post-industrial' recycled wine cork material

Thermal Properties

(per ASTM C 518):

- Resistance (r) - 0.49



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Thank you for your interest in Sustainable Materials.

Please also visit our sister company, Sustainable Flooring (www.SustainableFlooring.com) to find commercially-viable 'sustainable' flooring innovations.