TRIVERSA

1. **Durability**
   Tough urethane wear layer

2. **Stability**
   Rigid core with SmartLock™ Clic

3. **Versatility**
   Sound-dampening cork backer installs over virtually any subfloor
DURABILITY

- 20 MIL WEAR LAYER WITH URETHANE
  - Long lasting surface with lifetime residential warranty
  - Easy to clean and impervious to stains
  - Ultimate scuff resistance

DESIGN REALISM

- Authentic natural designs highlighted by realistic texture
- Luxurious low luster finish
TRIVERSA

5mm engineered composite core
Dense thermoplastic construction
Natural cork
• Environmentally friendly resource
  • From the bark of cork oak trees
    • Bark can be peeled from the tree trunk every 9 years
    • No impact on the tree
    • Tree can live for 200 years
  • Contains Suberin
    • Seals in air
    • Repels insects
    • Natural fire inhibitor
    • Prevents cork from rotting when submerged in water
TRIVERSA

• FLOORSORE Certified

• MEETS GUIDELINES FOR
  – National Green Building Standard ICC 700-2008
  – LEED EQ4.3 Certified Low Emitting Product
TRIVERSA ORIGINAL DESIGNS

• 12 Wood Patterns
• Design influences
  – Rustic
  – Refined Rustic
  – Exotic
  – Painterly
  – Classic Elegance
Design
OAKCREST

Color
LATTE

9” x 48”
TV002

Design
OAKCREST

Color
GOLD WASH

9” x 48”
TV011

Design
ACACIA WOOD

Color
NATURAL

7” x 48”
TV021

Design
GOLDEN OAK

Color
BLONDE

7” x 48”
TV031

Design
RUSTIC OAK

Color
BROWN GLAZE

7” x 48”
TV041

Design
ELMWOOD

Color
GREIGE

7” x 48”
TV051

Design
WALNUT

Color
AUBURN

7” x 48”
TV061

Design
MILLENNIUM OAK

Color
BUCKHORN

9” x 48”
TV071

Design
SMOKY OAK

Color
CHAR

9” x 48”
TV081

Design
APPLEWOOD

Color
TANNIN

9” x 48”
TV082

Design
APPLEWOOD

Color
FROSTED COFFEE

9” x 48”
TV092

Design
FUSION

Color
WARM PEWTER

9” x 48”
NEW TRIVERSA PATTERNS

• Dramatic Stone Looks
• Two contemporary sizes
  – 12” x 24”
  – 6” x 36”
URBAN STONE

TV400 - City Sidewalk
12” x 24”
Very subtle layered stone design with a play of light and dark contrasts that create a dramatic dimensional quality
TV401 - Wet Pavement

12” x 24”

Very subtle layered stone design with a play of light and dark contrasts that create a dramatic dimensional quality
TERRENE

TV500 - November Clouds
6” x 36”
Terrene means “earthy,” the inspiration for this beautiful slate design in a plank format.
TERRENE

TV501 - Mystic Beige
6” x 36”

These slate patterns are printed in two contrasting shades and sorted in the carton providing an attractive contrast to the planks that better defines each individual piece.
TERRENE

TV502 - Brown Swirl

6” x 36”

Each Piece has a wider bevel on all edges that more clearly delineates the separation of the planks, and the 6” x 36” format is not one commonly seen with slate looks, giving Terrene a clean modern feel.
CARRARA

TV700 - White Frost
6” x 36”

Inspired by the city in Italy where the most beautiful marble in the world is quarried, Carrara is a classically elegant design clearly differentiated using two different prints that are sorted in the carton.
NEW TRIVERSA ID™ SERIES

Leading the way in innovation once again, Congoleum introduces Triversa ID • Innovative Design, the next generation of waterproof flooring featuring longer planks, beveled painted edge treatments, some edgy contemporary designs, and enhanced, realistic textures.
WILD MORA

TV100 - Crème Brulee
5”, 7” 12” x 60”

Mora is a wood species found in the Caribbean and Guyana. The grain is straight, interlocked, extremely variable, and often has attractive bird’s-eye, wavy, or sometimes ribbon-grain figures. There is significant light and dark interplay that creates tremendous interest. The “enhanced edges” have a colored bevel that clearly highlights, defines and separates each plank, and the unique component is 60” long planks and random widths of 12”, 7” and 5” which are mixed and packed in each carton.
CEDAR CHEST

TV110 - Embers
5”, 7” 12” x 60”

The inspiration for this design is a cedar chest and this particular species is Spanish or Cuban Cedar. It has an abundance of small knots with a lot of clean areas and sections of darker contrasting colors. Cedar Chest also has an “enhanced edge,” a 60” length and mixed 12”, 7” and 5” widths packed in each carton (3 of each width).
YUKON OAK

TV120 - Gray Cloud

9” x 60”

A light gray traditional oak design with a whitewashed look, Yukon Oak has “enhanced painted edges” and a longer 9” x 60” format.
SANDSTRIPES

TV200 - Yosemite Sand

12” x 48”

With directional 12” x 24” striated strips on one 48” long format, this unique stone look can be laid out in a half drop installation giving the floor a “basketweave” effect, or it can be laid out as a third drop with a herringbone look.
SANDSTRIPES

TV201 - Gray Mirage
12” x 48”

The length edges have a micro-bevel but there are no end bevels, which highlight the length of the panels and give the ends an embossed look created by the alternating orientation of the strips. This design has a chameleon look that may resemble stone, wood or even carpet tiles.
Very busy with a lot of movement this design has a myriad of subtle elements that combine to create a completely unique wood pattern. The first thing to note are indiscriminately placed very subtle dark herringbone-like overlays.
TV301 - Tweed

9” x 48”

Within each plank are several smaller plank formats that when put together create a random width and length plank layout. The subtle embossing helps define the graining and the micro-bevel separates the planks giving Zig Zag a beautiful uniqueness.
**SQUARE ONE**

**TV600 - Sea Pearl**

12” x 48”

With the look of a traditional grouted ceramic tile having four 12” x 12” tile blocks on one plank, Square One can be installed as shown below or in an ashlar fashion to create a different design look. The grout lines are embossed and the irregular tiles have a shadow edge to create a depth and realism that is quite remarkable.
The grout widths may vary slightly from piece to piece, but they can be adjusted during installation. This may result in an occasional tile joint that is not perfectly aligned, but it will ultimately have the realism of a standard ceramic tile installation.
CARRARA

TV701 - White Frost
18” x 48”

This bold 18” x 48” size truly does reflect the beauty of traditional large marble slabs.
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<th>Warranty Period</th>
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<td>Lifetime</td>
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<td>10 Years</td>
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<tr>
<td>- will discolor from mold, mildew or alkali</td>
<td>10 Years</td>
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TRIVERSA MERCHANDISING

Display

• Large samples of each design present engaging and attractive visuals
• Offset sample arrangement creates interest and shows more reveal
• 12 samples with additional capacity make it extremely versatile and easy to update
• Beautiful individual room scenes and product information on back labels
• Quick and easy to assemble
• Dimensions: Height 73” x Width 31” x Depth 33”
• Order Code: TRV15SYSTS
Introducing the companion display to Triversa, featuring Innovation Design SKUS with larger scale designs, enhanced edge treatments and mixed widths in the same carton. This display showcases 15 all new designs in an attractive and affordable display with a small footprint.

Features of this display include:

• Large samples of each design present engaging and attractive visuals
• Offset sample arrangement creates interest and shows more reveal
• 15 samples make it extremely versatile and easy to update
• Beautiful large individual room scenes, product information, and exact match Transition pieces on back labels
• Quick and easy to assemble
• Dimensions: Height 73” x Width 31” x Depth 33”
• Order Code: TRV17SYSTK
TRIVERSA MERCHANDISING

Display Back Panel
- Dramatic room scene
- Product Features & Benefits
- Relevant key information
TRIVERSA MERCHANDISING

Handfolios

• Combination Handset and Architect Portfolio
• Powerful sales tool
• Order Codes
  – FTRV0416S - Original Handfolio
  – HFTR20017S - New Triversa Patterns
  – HFTR30017S - New Triversa ID Patterns

– To order all three, use this order code HFTRVSYSTK
Q: Does Triversa have a sound rating?

A: - Triversa’s cork backing provides built-in sound absorption.
  - Our initial testing has provided an IIC rating of 58 on a 6” concrete floor with no ceiling assembly.
  - We get an IIC rating of 68 it over a 6” concrete floor with a dropped ceiling assembly.
  - There is currently no recommendation for a sound deadening underlayment with Triversa.
Q: How is Triversa different from the other WPC products in the market?

A: - While it is becoming a very crowded market category, more consumers recognize the Congoleum name over many of the competitive brands.
- There are opportunities to differentiate Triversa based on the design package as well
- there have been many introductions in this category, and we are confident that our construction addresses the ‘kinks’ that were inherent in earlier products that were introduced by competitors.
Cork 101 - What are the overall advantages of cork?

Natural Cork Benefits

• Environmentally friendly resource
• From the bark of cork oak trees
  • Bark can be peeled from the tree trunk every 9 years
  • No impact on the tree
  • Tree can live for 200 years
• Honeycomb cellular structure
  • Each cubic centimeter has 40 million hexagonal cells
• Contains Suberin - waxy substance
  • Seals in air
  • Repels insects (bugs, mold, mites, termites)
• Natural fire inhibitor
• Prevents cork from rotting when submerged in water
TRIVERSA

CORK ADVANTAGES

LIGHT WEIGHT
More than 50 % of the cell volume of cork consists of air.

COMPRESSIBILITY
A cubic inch of cork can withstand pressure as great as 14,000 lbs. per square inch without breaking, and retains 90% of its original form after the pressure is released.

RESILIENCY
Heavy pressure does not break down or destroy the tiny air cells, but compresses the air within the cells so the cork will spring back when the pressure is removed.

LOW THERMAL CONDUCTIVITY
Next to a vacuum, a “dead” air space provides one of the most efficient non-conductors of heat. The cell construction of cork provides this property for which cork is so famous.

ABILITY TO ABSORB IMPACT
Cork, with its 200 million air cells per cubic inch; of which 50% is air, essentially acts as an “air cushion”, absorbing direct impacts.
TRIVERSA

CORK VS IXPE

IXPE - Irradiation cross-linked polyethylene foam

Both cork and IXPE backing have almost identical properties.

Cork is perceived as a more environmentally friendly option.
TRIVERSA

• Waterproof
  – The product construction makes it waterproof
  – The locking system does prevent water from penetrating between planks.
TRIVERSA

• Waterproof
  – Floor can be dried out and re-installed.
    • As long as water was clean
    • Care taken to unlock flooring

• Moisture Barrier
  – Targeting a healthy home environment
  – Recommend addressing moisture problem not covering it up
    • Use available products to reduce moisture vapor
TRIVERSA

TEMPERATURE TOLERANCE

• Primarily a function of the core
• Under typical conditions, Triversa does not have to be acclimated to the jobsite.
• Acclimation is recommended if extreme temperature variations occur.
  – Range outside 55°F to 90°F
• Must acclimate room
  – Between 65°F - 85°F for 48 hours prior to and during installation
  – Temperature after - maintain between 50°F and 100°F
• Can withstand bedbug treatment
• Direct sunlight heat on floor may not be problematic
Small Installations

– In small rooms like bathrooms or small foyers the expansion space can be reduced to 1/8” provided they are not connected to a larger room

– Never fit flooring net or flush to the wall or fixtures

– Do not tape, adhere or fasten the floor along one or more sides
TRIVERSA

Q: Is it commercially rated and can I glue it down even if it clicks together?

A: - Yes it is recommended for commercial use in the same applications as Structure.
   - If the installation is in a commercial setting where heavy static or rolling loads are present or where high performance requirements must be met, Triversa must be fully adhered using AD-62 adhesive.
   – May use Mapei ECO360 with our approval
Large Installations

– If width or length exceed 50 lineal feet, an expansion joint is required

– Install Transitions as a T-Molding
  • Allow a ¼” expansion space.
  • Do not drive fasteners through the floor

– Do not make the expansion space wider to compensate for additional length or width
TRIVERSA

**Suitable Substrates**

- Clean, Structurally Sound, Free of Movement
- Flat-3/16” in 10’ or 1/16” in 1’
- Dry-Not to exceed 5 lbs. MVE
- Existing floors must be fully bonded
- Do not install over floating wood or laminate
- Do not install over expansion joints
- See Timeless Floors-Suitable Substrates
TRIVERSA

Site Conditions

– HVAC must be in operation for at least 10 days
– Acclimate the rooms to a constant temperature between 65°F to 85°F
– All base cabinets, including island cabinets must be installed prior to the floorcovering installation
– Remove trim and under cut wood door casings
– Prepare subfloor as required for floating or adhered application
TRIVERSA

• Floating Installations
  – Layout-Adjust the layout to avoid narrow planks at side walls
  – Start in the left hand corner with the groove side against the wall
  – Allow a ¼” space between the wall and the edge of the plank. Cover the edge with a minimum ½” trim.
  – Work from left to right completing each row
  – Use a guide and a tapping block to lock the plank together
  – Use a pull bar to lock the plank at the end of each row and at the last row
TRIVERSA

• Fully Adhered Installation
  – Use AD62 Adhesive following trowel notch recommendations on the label
  – Dry fit the first 2 rows allowing a 1/4 “ expansion space.
  – Snap a chalk line along the edge of the second row.
  – Spread adhesive up to the chalk line
  – Install the first two rows along the chalk line
  – Use a tapping block to assemble the planks and spacers along the edges to prevent movement.
  – Roll the flooring with a 50 to 100 pound roller with in 10 minutes or before adhesive sets up
  – Continue installing the floor, spreading only enough adhesive that can be covered with in the working time of the adhesive
TRIVERSA

CONGOLEUM TRANSITIONS

• Perfect way to finish installation
• Exact match Transition for each Triversa pattern
• Three types
  – Universal MultiTrim
  – Stair Nosing
  – Baby Threshold
TRIVERSA transitions

Multi-Trim
Transition adjusts to varying levels. Can be used as T-Moulding or Surface Reducer

- Waterproof
- Incredible durability
- Easy to install
- Adjust to any height
- Great for residential & commercial applications
- 94” Length
- 5 sticks per pack

Stair Nosing
Finishes the end of a step.

- Moisture resistant
- MDF core
- Incredible durability
- Exact matches
- Easy to install
- Great for residential & commercial applications
- 94” Length

Threshold
Use between WPC floor & another surface such as carpet or vinyl tile; & against sliding doors.