STONE SOURCE
TREND ORIGINA
The surface you've been dreaming of.

Designed in Italy. Made in the United States.
Beautiful yet functional.

Thought provoking yet practical.

etherium®
By E-Stone...
The surface that lasts a lifetime.
etherium: by E-Stone

has the look of rare stone cut from select quarries, yet it’s made with up to 72% post-consumer recycled materials. It is formed by the fusion of millions of tiny pieces, yet is practically unbreakable, unscratchable and unstainable.
Using cutting-edge technology, E-Stone blends natural stone and quartz with specially selected glass and other raw elements to produce engineered agglomerate slabs of 300 x 120 cm | 118” x 48” and 6,6 mm | 1/4” thickness.

etherium® By E-Stone is ideal for multi-use purposes: from countertops to high traffic floors to tub surrounds and shower walls, and even custom-curved surfaces.

Uniqueness in contrast
We protect your surfaces... continuously.

With built-in 24/7 Microban® antimicrobial technology surfaces:

- Stay up to 99.8% cleaner
- Fight bacteria all day, every day
- Are protected for a lifetime
What is Microban®?

Microban® is the global leader in antimicrobial technology targeting the invisible microbes that contaminate surfaces. Working continuously, Microban® technology has been proven effective against a broad spectrum of bacteria to fight growth 24 hours, 7 days a week for the lifetime of the surface/product. Infusing this technology into engineered stone makes etherium® By E-Stone the perfect surface material for use on floors, walls, countertops, and bathrooms in areas like hospitals, offices, homes where people want to worry less.

How the technology works

24-hour confocal photography of treated and untreated surfaces. The incorporated Microban® technology creates an inhospitable environment for bacteria growth, inhibiting reproduction and bacteria ultimately dies off.

24 HOURS 16 HOURS 20 HOURS 24 HOURS

ORDINARY SURFACE

MICROBAN SURFACE

What are the benefits of Microban®?

**Invisible protection, visible cleanliness**
Product cleanliness is visibly improved without affecting the appearance, functions of durability of your product.

**Works continuously**
Microban® actively reduces the growth of bacteria 24 hours a day, 7 days a week.

**Cleaner between cleanings & easier to clean**
While not a substitute for regular cleaning, the added technology keeps products cleaner.

**Protection that lasts the life of the product**
Once integrated during manufacture, Microban® will last for the expected lifetime of a product or surface.

**Extended product lifetime**
Inhibiting the growth of degrading microbes means the expected lifetime of your product is extended.

**Effective against a broad spectrum of bacteria**
Microban® technology has been proven effective against a broad spectrum of bacteria.

Disclaimer: Microban® technology is not designed to protect users against disease causing microorganisms. Microban® Products Company makes neither direct nor implied health claims. Normal cleaning practices should be maintained.
Innovation at its finest

etherium® By E-Stone is recognized by the **U.S. Green Building Council (USGBC)**, **GREENGUARD**, **Declare**, and **NSF** for health, safety, and eco-friendly standards and practices.

etherium® By E-Stone surfaces contribute measurably to **LEED ratings** based on credits for Material and Resources, Indoor Environmental Quality, and Innovation and Design.

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**E-Stone**

Located in Sebring, Florida, E-Stone is a state-of-the-art manufacturing facility currently producing over 8 million square feet of engineered agglomerate surfaces annually. E-Stone’s facilities are designed with sophisticated water recycling systems (99.8% of water is recycled) that significantly reduce water consumption and the proliferation of pollutants.
Green is much more than a color

TREND Group’s products are manufactured using up to 72% of post-consumer recycled glass and 60% less raw material.

TREND Group was born with an eco-friendly philosophy at a time when sustainability and environmental awareness were still not popular concerns.

An approach not only driven by ethical reasons but our way of giving back to nature a part of what we receive from it as a source of inspiration for our creativity.

Our care for the environment is reflected in our products, which are manufactured using up to 72% post-consumer recycled glass and 60% less natural raw material.

We collaborate with leading global environmental organisations, architects and designers to promote sustainable building practices.
Post-consumer recycled glass

Combining technological advances with environmental awareness, TREND’s etherium® By E-Stone surfaces are manufactured using post-consumer recycled glass.
TREND ORIGINA®
The only limit to create superb design is the imagination.
Originality
Venetian Terrazzo has the amazing quality to evolve and truly adapt to time and space.
LA VENEZIANA

1654 RIO ALTO

1655 RIO FONDO
Versatility
Unique colors
A category of products with the strength to last forever and the flexibility to be shaped to match your dreams.

Example of how a plate can be cut and transformed to create a counter.

Curves for diameters equal to or greater than 160 cm | 63"
Trascenda®:
from thoughts to designs,
from designs to surfaces
We named this collection Trascenda® because of its capacity to capture an idea that is infused into our surfaces. The results are impressions, feelings and emotions that will last forever.
Floor: Trascenda® Portland Silver
Mirador Apartment | Miami Beach, FL, USA
Project: TREND Transformations, Miami
TRASCENDA® METAMORPHOSIS

What we need

1. Image
   - YES
   - 300 dpi / 1:1 scale
   - High resolution (TIFF, JPEG, PDF)
   - Images from Image Bank
   - Original drawing
   - NO
   - 72 dpi / Not to scale
   - GIF
   - Low resolution (JPEG or PDF)

2. Layout of the project
   - YES
   - DWG: plans and sections
   - Detailed dimensions
   - Original drawing
   - NO
   - Handmade drafts
   - PDF files without the dimensions
   - Not to scale drawings

3. Size of the slab
   - YES
   - Maximum size: 300 x 120 cm | 118” x 48”
   - NO

TRASCENDA® Comparisons Charts

<table>
<thead>
<tr>
<th></th>
<th>Size</th>
<th>Weight</th>
<th>Hardness</th>
<th>Absorption</th>
<th>Treatments</th>
</tr>
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<tbody>
<tr>
<td>Natural Stones</td>
<td>Various</td>
<td>50 Kg/m² at 2 cm</td>
<td>75 Kg/m² at 3 cm</td>
<td>High</td>
<td>Frequent</td>
</tr>
<tr>
<td>Porcelain</td>
<td>125 x 300 cm</td>
<td>40” x 120”</td>
<td>Depending on thickness from 44 to 22 Kg/m²</td>
<td>0.6%</td>
<td>Regular Cleaning</td>
</tr>
<tr>
<td>TREND Trascenda®</td>
<td>125 x 300 cm</td>
<td>40” x 120”</td>
<td>14 Kg/m²</td>
<td>0.2%</td>
<td>Regular Cleaning</td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>Natural veins</th>
<th>Designs</th>
<th>Customization</th>
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<tbody>
<tr>
<td>Natural Stones</td>
<td>Yes</td>
<td>Limited to nature</td>
<td>No</td>
</tr>
<tr>
<td>Porcelain</td>
<td>Yes</td>
<td>4 to 6 designs</td>
<td>No</td>
</tr>
<tr>
<td>TREND Trascenda®</td>
<td>Yes</td>
<td>Limitless</td>
<td>Limitless</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Difficulty of installation</th>
<th>Post installation/Maintenance</th>
<th>Lasting Installation</th>
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<tbody>
<tr>
<td>Natural Stones</td>
<td>Medium-high</td>
<td>High</td>
<td>Only if well maintain</td>
</tr>
<tr>
<td>Porcelain</td>
<td>Medium</td>
<td>Medium</td>
<td>Yes</td>
</tr>
<tr>
<td>TREND Trascenda®</td>
<td>Medium-low</td>
<td>Medium-low</td>
<td>Yes</td>
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</table>
How it works

Transcenda® can be used for light commercial floors, walls and counter tops.

This technique does not change the characteristics of an ethereum® By E-Stone surface.
Each piece is unique and exclusive. It's easy to create your custom project.
**Resistance to impacts**

- Scratch resistant

**Heat resistant**

- Non-absorbency

**Very thin and lightweight**

- Flexural Strength

**Extra resistance to heavy loads**

- Thickness: 6.6 mm / 1/4"

- Weight: 14.4 kg/m² / 2.87 lbs/sqf

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**TECHNICAL CHARACTERISTICS**

- **Thickness:** 6.6 mm / 1/4"
- **Weight:** 14 kg/m² / 2.87 lbs/sqf

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**Comparison Chart**

<table>
<thead>
<tr>
<th>Feature</th>
<th>TREND Origina™ La Veneziana</th>
<th>Poured Terrazzo</th>
<th>Epoxy Terrazzo</th>
<th>Porcelain Tile</th>
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<tbody>
<tr>
<td>Ease of installation</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>Performance</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>Maintenance cost</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>Uniqueness of design</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>Depth and warmth of look</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>Customizable</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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ADVANTAGES

Curves for diameters equal to or greater than 160 cm | 63”

It can be installed over existing surfaces

Thin and lightweight

6,6 mm · 1/4”

Impact Resistant

14 kg/mq

2.87 lbs/sqf

Scratch resistant

Stain resistant

Chemical resistant

Heat resistant
SPECIAL PROCESSING

Edges
- Jolly edge
- Rounded edge
- Recalibrated rounded edge

Skirting
- Rounded edge

Sink/wash basin types that can be used
- Tip mount
- Flush mounted
- Undermounted
- Above-counter basin
**SUGGESTED ADHESIVES**

**IMPORTANT NOTICE:** the substrates must be perfectly flat, smooth, ripe, firm, smooth and white.

**RECOMMENDED GROUTING & DETERGENTS**

**IMPORTANT NOTICE:** the joints must be of a thickness of at least 3 mm and a width of at least 1 mm. Usage temperature between +12° and +30°C.

**WALLS AND FLOORING - INTERNAL AND EXTERNAL**

**POOL AND SPA**

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**SUGGESTED GROUT COLORS**

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**WEIGHT AND DIMENSIONS**

<table>
<thead>
<tr>
<th>DIMENSIONS (MM)</th>
<th>SPECIFICATION</th>
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<tbody>
<tr>
<td>60 x 60 cm</td>
<td>6.6 mm</td>
</tr>
<tr>
<td>120 x 60 cm</td>
<td>12 mm</td>
</tr>
<tr>
<td>120 x 60 cm</td>
<td>18 mm</td>
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</tbody>
</table>

**SPECIFICATIONS**

- **RESISTANCE TO CHEMICAL AGENTS**
  - Resistant to 151.8 mm
  - Resistant to 6,9 J/m
  - Resistant to 6,1 J/m

- **RESISTANCE TO THERMAL SHOCKS**
  - Resistant to 151,8 mm
  - Resistant to 6,9 J/m
  - Resistant to 6,1 J/m

- **COLOURS RESISTANCE TO FADING**
  - Resistant to 151,8 mm
  - Resistant to 6,9 J/m
  - Resistant to 6,1 J/m

- **FROST RESISTANCE**
  - Resistant to 151,8 mm
  - Resistant to 6,9 J/m
  - Resistant to 6,1 J/m

- **RESISTANCE TO SIZING**
  - Resistant to 151,8 mm
  - Resistant to 6,9 J/m
  - Resistant to 6,1 J/m

- **RESISTANCE TO OXIDATION**
  - Resistant to 151,8 mm
  - Resistant to 6,9 J/m
  - Resistant to 6,1 J/m

- **RESISTANCE TO CAKE BURNS**
  - Resistant to 151,8 mm
  - Resistant to 6,9 J/m
  - Resistant to 6,1 J/m

- **WATER ABSORPTION**
  - Non-absorbing

- **COEFFICIENT OF LINEAR THERMAL EXPANSION (SINGLET) COEFFICIENT OF LINEAR THERMAL ENLARGEMENT**
  - 23.8 x 10⁻⁶°C⁻¹
  - 10.3 x 10⁻⁶°C⁻¹

- **ASTM D 256**
  - CR 152.4 mm
  - FL 22.3 mm

- **UNI EN ISO 10545 (6)**
  - CR 78.4 mm
  - FL 128 mm

- **UNI EN ISO 10545 (13)**
  - UNI EN ISO 10545 (3)
  - UNI EN ISO 10545 (9)
  - UNI EN ISO 10545 (12)

**TEST DATA**

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>SPECIFICATION</th>
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<tr>
<td>THERMAL CONDUCTIVITY</td>
<td>0.64 W/m K</td>
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<tr>
<td>COEFFICIENT OF LINEAR THERMAL EXPANSION</td>
<td>23.8 x 10⁻⁶°C⁻¹</td>
</tr>
<tr>
<td>COEFFICIENT OF LINEAR THERMAL ENLARGEMENT</td>
<td>10.3 x 10⁻⁶°C⁻¹</td>
</tr>
<tr>
<td>WATER ABSORPTION</td>
<td>Non-absorbing</td>
</tr>
<tr>
<td>THERMAL RESISTANCE</td>
<td>0.71 W/m K</td>
</tr>
<tr>
<td>THERMAL CONDUCTIVITY</td>
<td>0.71 W/m K</td>
</tr>
<tr>
<td>THERMAL RESISTANCE</td>
<td>0.71 W/m K</td>
</tr>
</tbody>
</table>

**Etherium® by E-Stone**

Composite of granules selected industrially and created in large commercial slab with a maximum size of 300 cm x 120 cm, a nominal thickness of 6.6 mm and a weight of approximately 14 kg/m². It is obtained through vibro-compaction and consists of 95% selected granules of various types such as post-consumer recycled glass, recycled pre-consumer porcelain, glass mosaic, quartz, granite, mixed together in different sizes, with a minimum quantity of polyester resin and colored powder pigments.

**Etherium® by E-Stone**

Composite de granules sélectionnés industriellement et créé dans une grande dalle commerciale d’une taille maximale de 300 cm x 120 cm, d’un épaisseur nominale de 6.6 mm et un poids d’environ 14 kg/m². Il est obtenu par vibro-compaction et se compose de 95% de granules sélectionnés de différents types tels que verre recyclé post-consommation, porcelaine pré-consommation recyclée, mosaïque de verre, quartz, granite, mélangés ensemble, dans différents tailles, avec une quantité minimale de résine polyester et de pigments en poudre colorés.

**Etherium® by E-Stone**

Verbundmaterial aus ausgewählten Splittern, industriell hergestellt in Form einer großen Platte mit einem Handelsformat von bis zu 300 x 120 cm, einer nominellen Dicke von 6,6 mm und einem Gewicht von etwa 14 kg/m². Es wird mittels vibro-Verstreckung erhalten und besteht zu 95% aus Splittern verschiedener Art, wie aus dem Verbrauch recycelten Glases, vor dem Verbrauch recyceltem Porzellan, Glasmosaik, Quarz und Granit mit unterschiedlicher Korngröße, die miteinander sowie mit einer minimalen Menge von Polyetherharz und Farbpigmenten in Pulverform vermengt werden.

**Etherium® by E-Stone**

Composite de granulés sélectionnés industriellement en forme deelas grandes avec un format de commerce maximum de 300 cm x 120 cm, épaisseur nominale de 6,6 mm et pesant un peu plus de 14 kg/m². On obtient ainsi par vibro-compaction et est formé d’un 95% de granules sélectionnés de différents types tels que verre recyclé post-consommation, porcelaine recyclée pré-consumption, mosaïque de verre, quartz, granite, mélangés ensemble, dans différents tailles, avec une quantité minimale de résine polyester et de pigments en poudre coloré.
## Showrooms

<table>
<thead>
<tr>
<th>Location</th>
<th>Address</th>
<th>Phone</th>
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<tbody>
<tr>
<td><strong>Boston</strong></td>
<td>311 Summer Street, Boston, MA 02210</td>
<td>617.671.0900</td>
</tr>
<tr>
<td><strong>Dallas</strong></td>
<td>1825 Market Center Blvd., Dallas, TX 75207</td>
<td>469.893.4200</td>
</tr>
<tr>
<td><strong>Houston</strong></td>
<td>4900 Woodway Dr., Houston, TX 77056</td>
<td>832.608.6370</td>
</tr>
<tr>
<td><strong>New York</strong></td>
<td>215 Park Ave. South, New York, NY 10003</td>
<td>212.979.6400</td>
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<tr>
<td><strong>Chicago</strong></td>
<td>205 West Wacker Dr., Chicago, IL 60606</td>
<td>312.335.9900</td>
</tr>
<tr>
<td><strong>East Hampton</strong></td>
<td>34 Park Place, East Hampton, NY 11937</td>
<td>631.324.7487</td>
</tr>
<tr>
<td><strong>Los Angeles</strong></td>
<td>5429 McConnell Ave., Los Angeles, CA 90066</td>
<td>213.880.1155</td>
</tr>
<tr>
<td><strong>Nashville</strong></td>
<td>2930 Sidco Dr., Nashville, TN 37204</td>
<td>615.244.6448</td>
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<tr>
<td><strong>New Jersey</strong></td>
<td>350 Starke Rd., Carlstadt, NJ 07072</td>
<td>201.549.7400</td>
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<tr>
<td><strong>Washington, DC</strong></td>
<td>1129 20th St., NW, Washington, DC 20036</td>
<td>202.265.5900</td>
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**Stone Source**

[stonsource.com](http://stonsource.com)