



# Access Floor Finishes

Design Freedom for any Building



**Tate**<sup>®</sup>

# Design Freedom with Finishes

Access floors have emerged as a practical solution for numerous building types, not just the traditional office and data center settings with which they are most often associated. Tate has made a commitment to service the needs of both existing buildings and the new construction market by expanding our product offering to include new and exciting finishes such as porcelain, terrazzo, hardwood, linoleum, vinyl, cork, and rubber as well as high pressure laminates, static control vinyls and PosiTile®, a one-to-one fit carpet tile. These finish options give architects and designers practically unlimited freedom to create a signature look that is unique and coordinated to their specific project, while still maintaining the versatility and convenience that an access floor offers.

## Benefits of Finishes on a Access Floor

- **Underfloor Air Distribution** - Many lobbies and entryways have high ceilings providing the perfect application to gain the full energy efficiency of a UFAD system.
- **Factory Lamination** - Tate's finishes are factory laminated and delivered to the job site ready for installation. This process speeds up construction and is cost competitive with the field applied counterpart.

*BASF Headquarters,  
Florham Park, NJ, 275,000 ft<sup>2</sup>*





# Lobbies, Hallways & Corridors

Access floors are often used in high traffic areas to maintain the elevation throughout the building and provide an underfloor plenum for service distribution. This allows for unique ceiling finishes; from skylights to mosaics the options are limitless. These areas typically require a durable finish such as porcelain or terrazzo that will withstand excessive foot traffic and continual cleaning and maintenance.



*Bancolumbia,  
Medellin, Columbia, 1,450,000 ft<sup>2</sup>*



*Great River Energy,  
Maple Grove, MN, 166,000 ft<sup>2</sup>*



*Medimmune,  
Frederick, MD, 147,000 ft<sup>2</sup>*



*Montana State Fund,  
Helena, MT, 115,000 ft<sup>2</sup>*

*E. Barrett Prettyman Courthouse,  
Washington, DC, 120,000 ft<sup>2</sup>*



*Foundry Square,  
San Francisco, CA, 500,000 ft<sup>2</sup>*



## Meeting Rooms & Workstation

For areas which will see high churn rates such as corporate workstations, PosiTile® carpet or free lay carpet tile on a PosiLock® system is a good option. The combination of carpet and ConCore® panels will provide a solid feeling floor and excellent acoustical properties for any size meeting room.

Incorporating passive air diffusers in the access floor creates a more comfortable environment by giving the occupant control of their own space.



*KCPL,  
Kansas City, MO, 270,000 ft<sup>2</sup>*



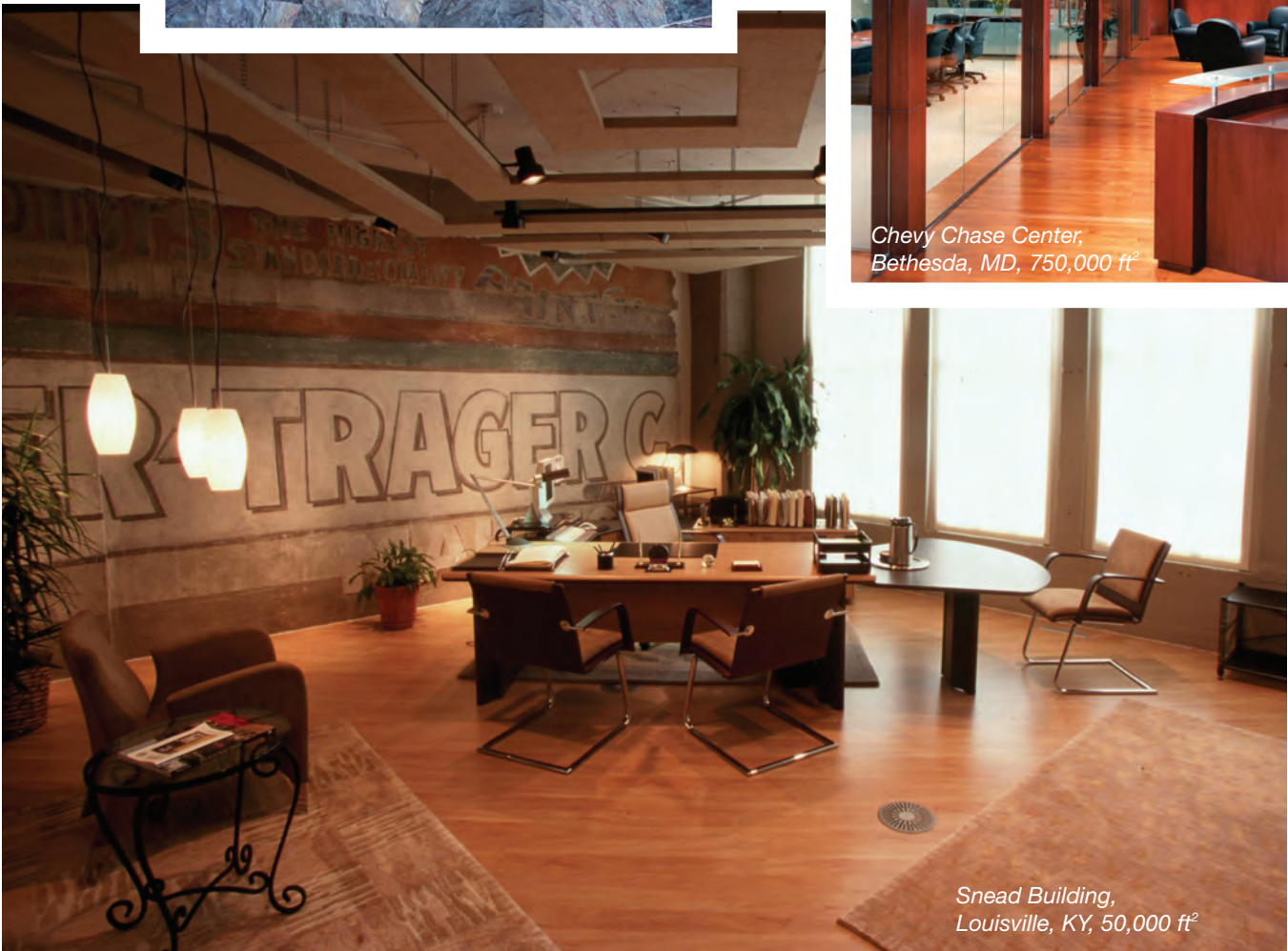
## Executive Offices & High End Retail

For more elegant applications, you can use linoleum, hard wood, natural cork, or stone tiles. For retail applications, you could also consider non-traditional finishes such as stamped stainless steel or glass tiles.

Using access flooring provides a more aesthetically pleasing method for wire and cable service distribution by eliminating the need for wired furniture and ceiling drop downs giving you the freedom to create unique well lit open spaces.



*Chevy Chase Center,  
Bethesda, MD, 750,000 ft<sup>2</sup>*



*Snead Building,  
Louisville, KY, 50,000 ft<sup>2</sup>*



# Classrooms & Libraries

Classrooms and Libraries often need durable finishes to accommodate the high volume of foot traffic. PosiTile® carpet or free lay carpet tile on a PosiLock® system is a good option and will provide excellent acoustical properties. The one-to-one fit of factory applied vinyl, linoleum or rubber finishes will help maintain an easily accessible underfloor plenum in areas where cleaning is a concern.



*Draper Library,  
Draper UT, 20,000 ft<sup>2</sup>*



*FedEx Emerging Technology Center,  
Memphis, TN, 95,000 ft<sup>2</sup>*



*Champaign Public Library,  
Champaign IL, 122,000 ft<sup>2</sup>*

*Pleasant Ridge School,  
Cincinnati, OH, 75,000 ft<sup>2</sup>*



# Cafeterias & Break Rooms

Extending an access floor into a bathroom or cafeteria area will help to maintain the same elevation throughout your building. This can be achieved in two ways: in order to keep some degree of accessibility, panels with linoleum or rubber tile with bevelled edges can be used. The second method is to place an underlayment over the access floor which can then be covered with conventional finishes.



*Franke Foods,  
Smyrna, TN, 100,000 ft<sup>2</sup>*



*Montana State Fund,  
Helena, MT, 115,000 ft<sup>2</sup>*

*BP, Helios Plaza,  
Houston, TX, 400,000 ft<sup>2</sup>*



*Bick Group,  
St. Louis, MO, 49,000 ft<sup>2</sup>*







## Data Centers & Computer Rooms

Facilities designed to hold electronic equipment often require access floors to solve two major issues. First, they need the ability to run a large number of cables in an easily accessible plenum. Second, by using Tate's patented directional airflow panels the equipment can easily be kept cool. In most cases the floors are finished with a standard HPL with Integral Trim™, but for highly sensitive equipment, Conductive HPL or Conductive or Static Dissipative vinyl or rubber tiles may be used.



# Flexibility, Beauty & Ease of Use

Design Freedom! This goal was the key driver behind Tate's release of the latest line of hard and soft tile finishes. To achieve this goal we are offering these finishes on a range of panel types and module sizes with several edge treatments to achieve anything from a monolithic to a grouted tile look. Variations in module size and panel type are available to create accessible raised floors that offer the patterns and styles of traditional floors. Some options are limited to specific panel types and finishes so please consult our website for more information.



# Porcelain

## Nearly Unlimited Options for a Completely Unique Aesthetic!

Tate's new line of porcelain laminated raised floor panels offer the ultimate combination in look and flexibility. Whether applied geometrically formal or as a mosaic these tiles can enhance the architectural form and space of a building. The factory laminated porcelain access floor panels come with a PVC edge banking that produces clean even lines that appear more like grouted tiles. In addition Tate is offering these panels in three module sizes (1'x1', 1'x2' and 2'x2') to create new and interesting patterns while maintaining complete accessibility to the underfloor area.

### Characteristics

- 100% natural mineral composition
- Non absorbent, near zero water absorption
- Easy maintenance, impervious to chemicals
- Colors are mineral based and do not fade under UV rays
- Heavy duty, resists wear and scratches under high traffic
- Fire and high temperature resistant with no toxic fume emissions
- Finish is recyclable with a high recycled content





Laminated Porcelain Panels

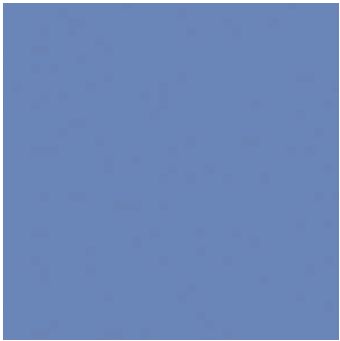
Board panels provide flexibility in module size and a smoother surface that is more conducive to the lamination. The PVC edge banding creates a more consistent looking seam with a grouted tile appearance. The edge banding is available in almost unlimited colors to allow for contrasting or blended seams that can create completely customized look. Porcelain tile finishes are also available in 2'x2' on steel welded panels with edge banding.



Metal



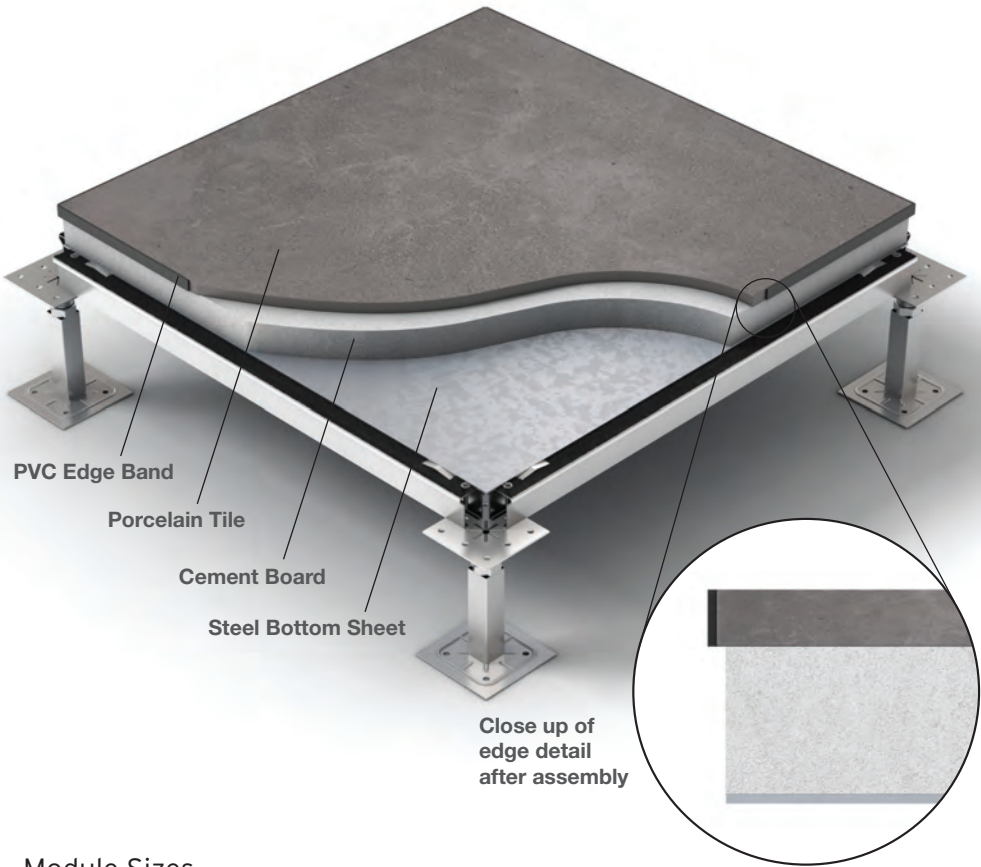
Movement



Color

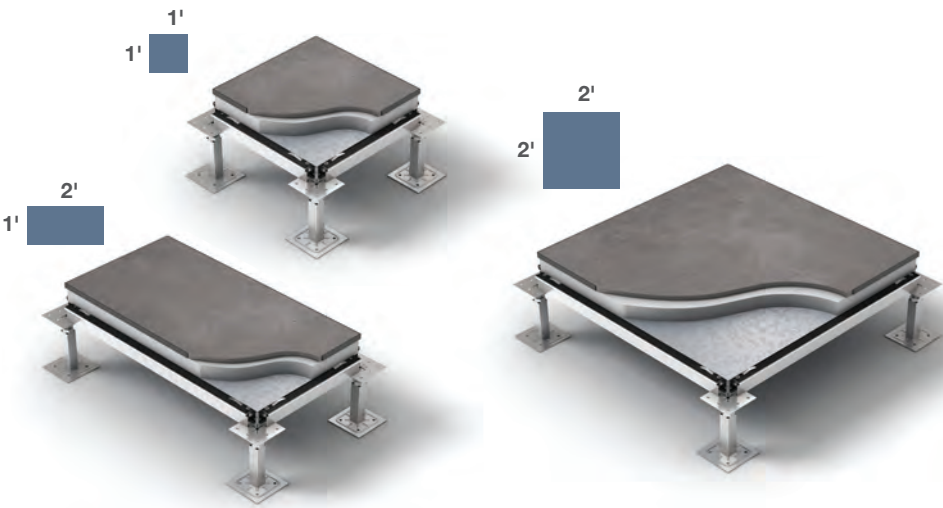


Textured



Module Sizes

The new line of cement board panels with porcelain tiles and other finishes are available in standard the 2'x2' floor tiles as well as 1'x 2' and 1'x1' sizes to create dynamic tile patterns.



# Tate Terrazzo

100's of styles available, or create your own...

## Beautiful Low-Maintenance Finish for High Traffic Areas

Tate Terrazzo is manufactured from marble, glass or stone chips embedded in a flexible resin and then polished to a high gloss finish. The resulting tiles are extremely durable and provide an easy-to-care for finish that can withstand excessive foot traffic. Routine maintenance is as simple as damp mopping the floor with a neutral, non abrasive cleaner.

### Characteristics

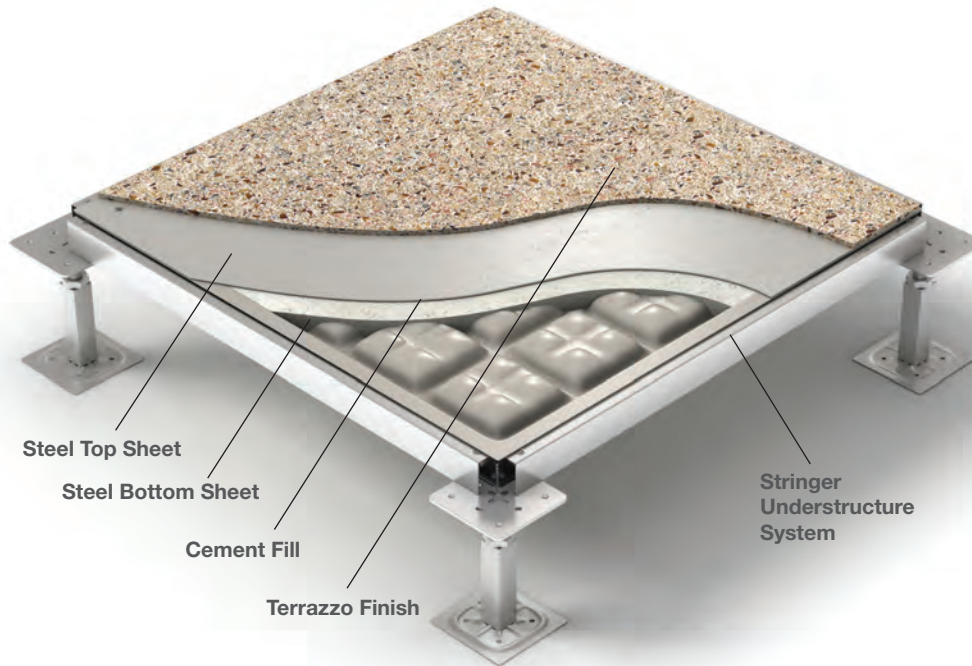
- Made of epoxy resin, glass and marble chips.
- Ground smooth at the factory. Sealed and polished in the field after installation for a long lasting, durable finish.
- Up to 70% post consumer recycled product.
- Maintains accessibility, as opposed to poured in place terrazzo.
- No harsh chemicals required to clean.





## Laminated Terrazzo Panel

Factory laminated Terrazzo panels are ideal for high traffic areas such as hallways and lobbies. Laminated to our ConCore steel panel and used in a stringer understructure system, the combination of the steel panel and stringer system provides superior acoustics and strength while allowing easy access to the underfloor area.



## Edge Treatments

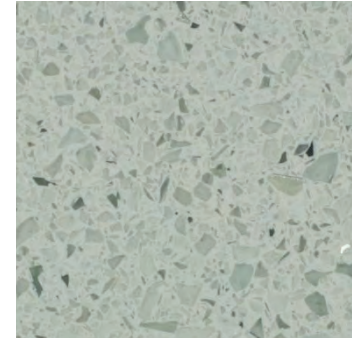
One advantage to using a steel welded panel is the options in edge treatments. These treatments allow for a wide variety in the appearance of an installed system.



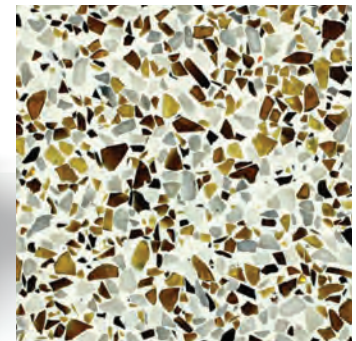
**Beveled** - a micro-bevel is applied along the cut edge to reduce chipping.



**Monolithic** - tiles are cut straight along the edge for a more seamless look.



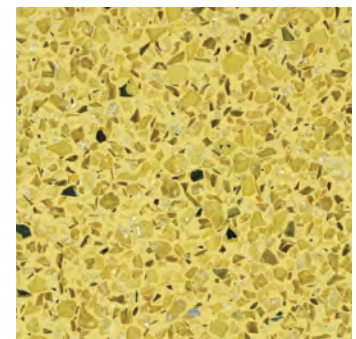
**Glass & Stone**



**Recycled Glass**



**All Stone**



**Brilliant Resin**

# Tate Hardwood

## The Beauty and Warmth of Natural Wood

Tate's engineered wood tile is a natural wood wear layer bonded to an Albasia wood backer board. Available in two standard patterns the finish is made from reclaimed timber waste that can equal up to 90% of the wear layer. The 100% Albasia wood backer is a rapidly renewable tropical species that is compressed and laminated into vertical ply. The sides of the tile are square with the top edges beveled. The surface of the tile is coated with high solids oil that penetrates deep into the wood providing a durable finish.

### Characteristics

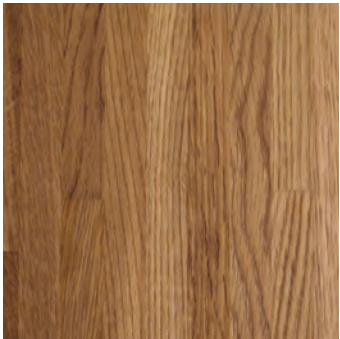
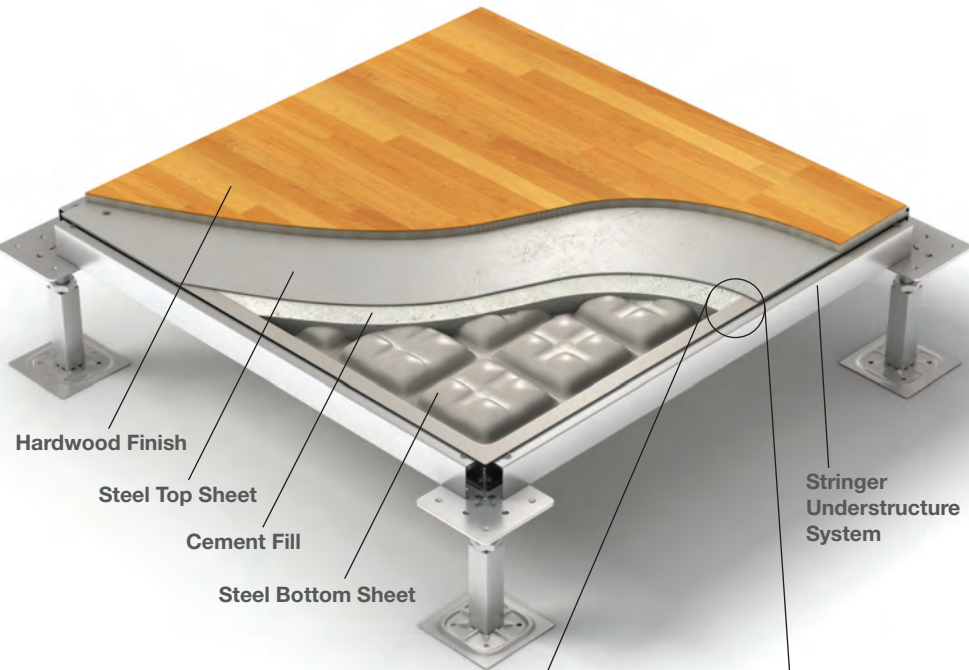
- Made of a 3mm natural wood bonded to 11mm Versacore backer
- Sanded smooth and finished with a natural high solids oil for a long lasting durable finish
- All wood construction
- Square sides with top edges beveled
- The backer is made from second life materials and wood species that range from 75%-90% recycled content
- Virtually free of petroleum products and carrying a long potential use has minimized its environmental footprint
- No harsh chemicals required to clean hardwood tile
- Naturally VOC free



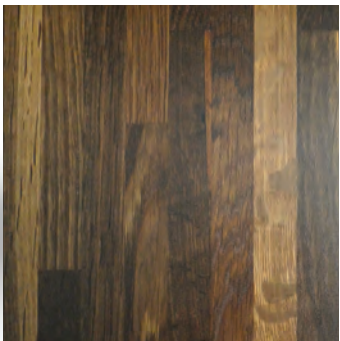


**Laminated Hardwood Panel**

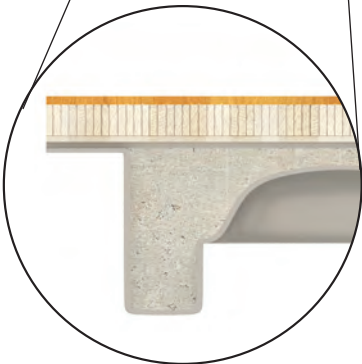
Tate's hardwood tile is factory laminated to our ConCore steel panel and is used in our stringer understructure system. The combination of the steel panel and stringer system provides superior acoustics and strength while allowing easy access to the underfloor area.



**White Oak Light**



**White Oak Dark**



**Close up of monolithic edge detail after assembly with factory laminated hardwood finish.**

# Soft Tile Finishes

Linoleum, Rubber, Vinyl and more....

## Smooth Application of our Most Popular Finish

Soft tile lamination is second only to the high pressure laminates commonly found in data centers for use on raised floors. This is in part due to them historically offering the most options for designers. Tate works with dozens of manufacturers who offer a wide range of soft tile floor finishes from linoleum to cork. We have recently refined our process for laminating soft tiles to include a PVC edge banding and the use of smoother more consistent substrate to improve the installed aesthetic of the panel particularly in areas with overhead skylights and extensive side lighting from exterior walls.

### **Characteristics** (vary by finish type)

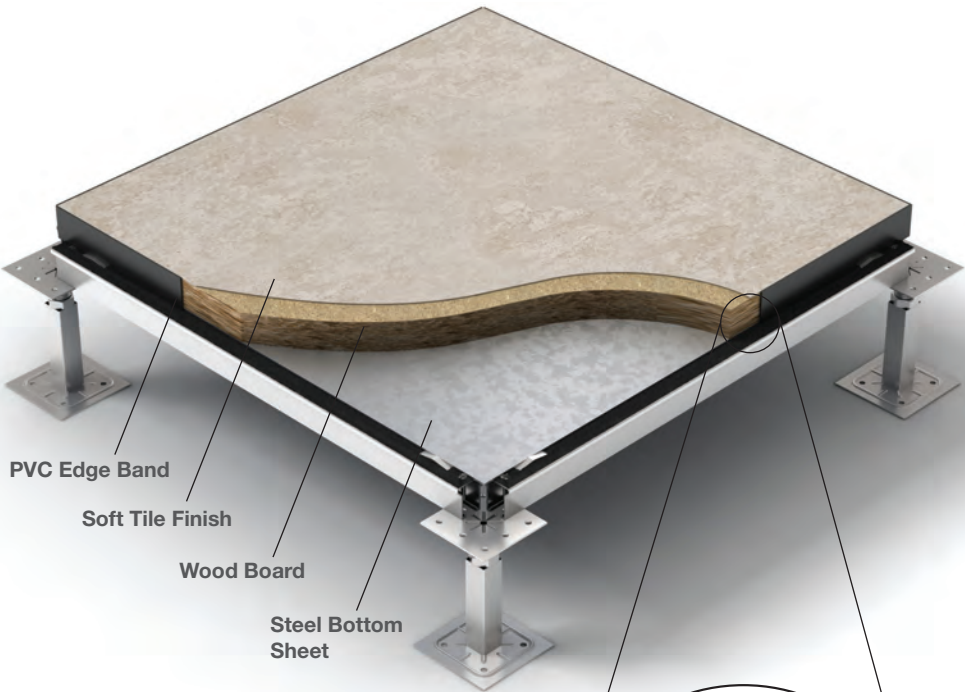
- Can offer specific acoustical, conductive and slip resistant qualities
- Smooth and textured surfaces are available
- Nearly unlimited colors, styles and textures
- Maintains accessibility, as opposed to rolled finishes
- High recycled content and cradle-to-cradle products available





Laminated Soft Tile Panels

Wood board panels provide a smoother surface that is more conducive to the lamination of soft tile finishes. The PVC edge banding creates a more consistent looking seam. The edge banding is available in almost unlimited colors to allow for contrasting or blended seams that can create a completely customized look. Soft tile finishes are also available on steel welded panels without edge banding.



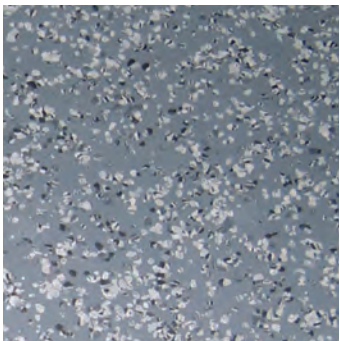
Linoleum



Vinyl



Cork



Rubber

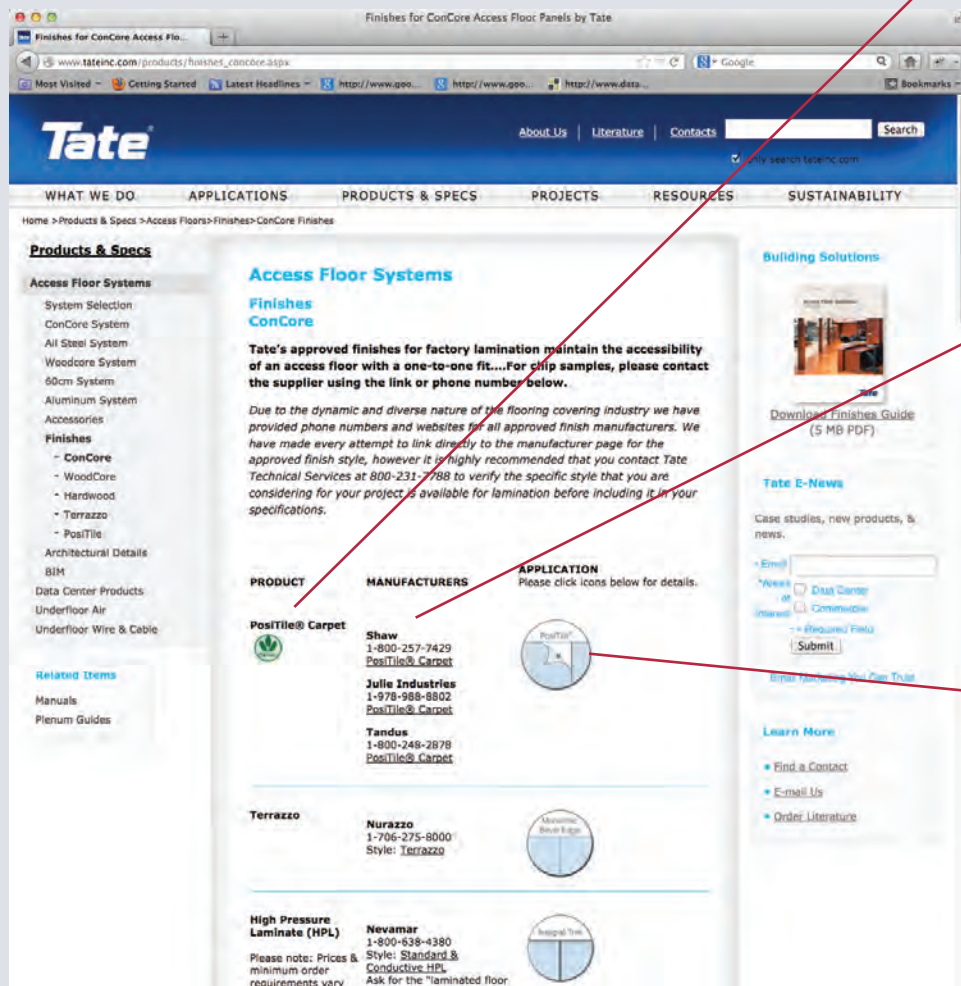
Close up of edge detail after assembly

# Finishes Online

There are many different materials, vendors and application methods used to apply finishes on or over access flooring. Tate has comprised an online resource of vendors and products that have been tested and approved for access floor applications.

Certain applications are more suitable for particular environments than others. For instance, using the integral trim edge provides superior wear resistance and is an excellent option for equipment and computer rooms where frequent heavy rolling loads may be required.

To access the finishes section of our website please visit [www.tateinc.com/products/finishes](http://www.tateinc.com/products/finishes). If you are interested in using a material or vendor that does not appear on the list please contact the Tate Hotline at **877-999-8283** or e-mail [tateinfo@tateinc.com](mailto:tateinfo@tateinc.com)







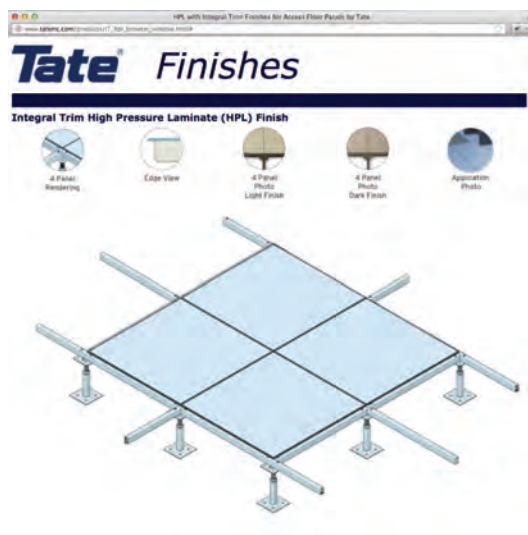
## Types of Finishes

By scrolling down the list of floor finish vendors you will notice they have been separated by the type of floor covering, vinyl, wood look, carpet, etc. This organization make it easy to compare the different vendors for each type of finish. You will also notice that certain finishes have a green icon below them — this indicates the environmentally friendly nature of this product (see finish company website for more information). If you are interested in using a covering that is not listed on the website please contact Tate to determine if the product is a viable access floor covering.



## Vendor Information

Under the manufacturers heading in the finishes section of the website is a complete list of vendors whose products have been tested by Tate to ensure acceptable application to our access flooring system. If you have a preferred vendor that is not listed please contact the Tate Hotline and we will work with your vendor to determine whether the vendors product is suitable for raised floor applications.



## Visual Support

By clicking the icon in the application method column on the right of the screen a new window will open. In this window is a rendering and photos of what the application method for each product type will look like when it's applied to an access floor. There are also application shots of the related style and finish as it looks when installed in a building. Many materials can be applied using several methods to help you create the perfect combination of look, durability, and functionality to meet your specific project requirements.



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