



TARIMAS, BARANDALES Y ACCESORIOS
DESCRIPCIÓN GENERAL
DEL PRODUCTO | 2024





Nuestra apariencia de madera más realista con un rendimiento incomparable

MÁXIMA RESISTENCIA AL FUEGO Clasificación Clase A para propagación de llama, cumplimiento de los estándares de interfaz urbano-rural, o ambas opciones

SUSTENTABLE Fabricado en EE. UU. con aproximadamente un 60 % de material reciclado

SÚPER DURADERO Altamente resistente a la humedad; no se astillará, agrietará, pelará o pudrirá

BAJO MANTENIMIENTO No se lija, tiñe ni sella, nunca

RESISTENTE A LA DECOLORACIÓN Mantiene su rico color vivo durante décadas*

MÁS AMIGABLE CON LOS PIES DESCALZOS Hasta 30° más frío y hasta 40 % mejor tracción que la competencia**

GARANTÍA LÍDER EN LA INDUSTRIA Garantía de 50 años contra decoloración y manchas y garantías limitadas de por vida del producto

DISEÑO VERSÁTIL Opciones de tarimas de ancho múltiple y capacidades de doblado por calor

PVC AVANZADO

VINTAGE COLLECTION®

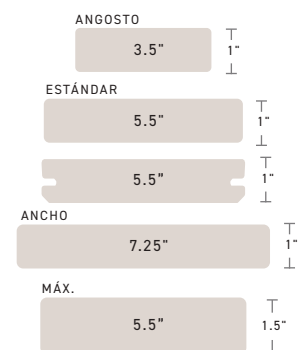
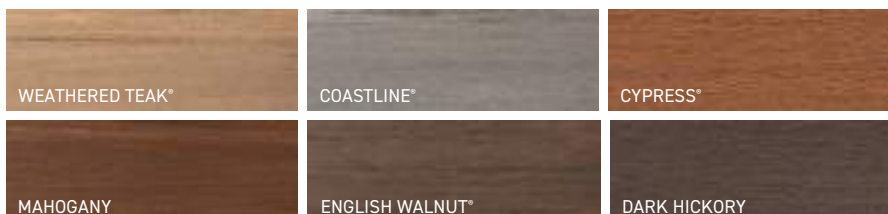
Madera dura y exótica

Esta colección captura el aspecto codiciado de las maderas duras de primera calidad con un refinado acabado cepillado de alambre y una combinación de colores de varios tonos claros y oscuros.

- Flexibilidad de diseño con tarimas angostas, estándar y anchas para todos los colores.
- Las tarimas Vintage MAX (1.5" de espesor) permiten una instalación de 24" en el centro; solo disponible en Coastline
- con el índice de propagación de llama de clase A y conforme a los estándares WUI, son la opción ideal para zonas propensas a incendio.



Vintage Collection en Coastline® de ancho múltiple



PVC AVANZADO

LANDMARK COLLECTION™

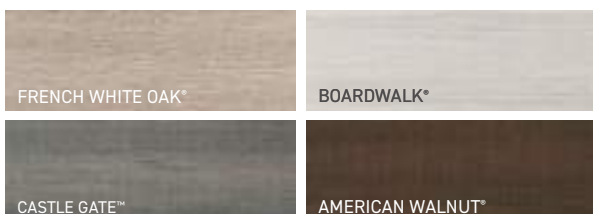
Maderas duras de corte transversal

Para una apariencia que se asemeja a las maderas duras populares como el roble blanco y el nogal, elija este estilo de veta catedral transversal con un acabado mate y una combinación de colores en cascada para una variación sutil de tabla a tabla.

- Todos los colores están disponibles en ancho estándar.
- Con un índice de propagación de llama de clase A, es la opción ideal para zonas de incendio.



Landmark Collection en French White Oak®
Serie de Composite clásico, barandal para apoyar bebidas



ESTÁNDAR

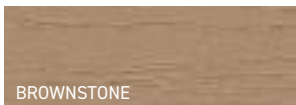
5.5"

T
1"
⊥
T
1"
⊥

5.5"



Harvest Collection en Slate Gray



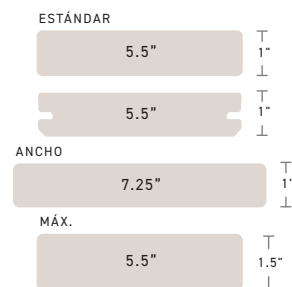
PVC AVANZADO

HARVEST COLLECTION®

Grano de catedral refinado

Adopte la versatilidad suave y acogedora del atractivo grano de catedral con diferentes picos y colores suaves y sólidos que se adaptan a una variedad de estilos.

- Slate Gray y Brownstone disponibles en ancho estándar y ancho.
- Las tarimas Harvest MAX (1.5" de espesor) permiten una instalación de 24" en el centro. Disponible en Slate Gray.
- Al cumplir con los estándares de WUI se convierte en una opción ideal para zonas de incendio.



Porch Collection en Mahogany
Serie de Composite clásico en blanco

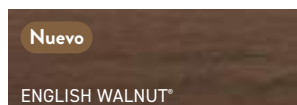
PVC AVANZADO

PORCH COLLECTION

Maderas duras y madera teñida

Lleve todos los beneficios de belleza y rendimiento de las tarimas exteriores de PVC avanzado de TimberTech a la terraza. Nuestra innovadora instalación machihembrada deja espacios más pequeños entre las tablas para brindar una apariencia de piso de porche tradicional.

- Estándar (3.125") disponible en todos los colores.
- Ancho estándar (5.5") disponible en Coastline, Cypress, Dark Hickory, English Walnut, Mahogany y Weathered Teak
- También disponible en recubrimientos, consulte los detalles en timbertech.com/cladding





Composite único en su clase; con un aspecto de madera inigualable

DURADERO No se astilla, no se agrieta ni se pudre

BAJO MANTENIMIENTO No se lija, tiñe ni sella, nunca

RESISTENTE A LA DECOLORACIÓN Mantiene su rico color vivo durante décadas*

RESISTENTE A LA HUMEDAD Protegido contra el moho, los hongos y la podredumbre

PROTECCIÓN DE GARANTÍA Cubierto por garantías de 30 y 25 años que varían según la colección**

SUSTENTABLE Fabricado en EE. UU. con aproximadamente un 85 % de material reciclado





Legacy Collection en Tigerwood

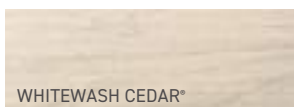
COMPOSITE

LEGACY COLLECTION

Acabado raspado a mano

Elija esta colección para lograr una estética artesanal que presenta tonos en cascada y un acabado texturizado raspado a mano.

- Tapa de polímero patentada de cuatro lados hecha sin fibras de madera para una resistencia superior al sol y la humedad, incluso en las ranuras.
- Patrón de veta variable para una variación única de tabla a tabla



WHITEWASH CEDAR®



ASHWOOD



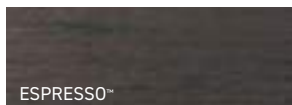
PECAN



TIGERWOOD

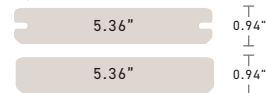


MOCHA



ESPRESSO™

ESTÁNDAR



Reserve Collection in Antique Leather®

Serie de Composite clásico, barandal para apoyar bebidas

COMPOSITE

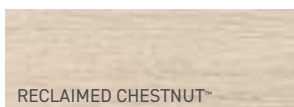
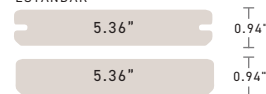
RESERVE COLLECTION

Madera recuperada

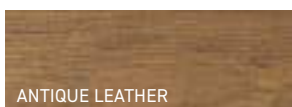
Capture la apariencia rica en carácter y la sensación de la madera recuperada con los colores audaces y multitonales y el grano de catedral rústico.

- Tapa de polímero patentada de cuatro lados hecha sin fibras de madera para una resistencia superior al sol y la humedad, incluso en las ranuras.

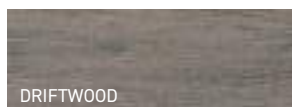
ESTÁNDAR



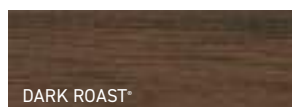
RECLAIMED CHESTNUT™



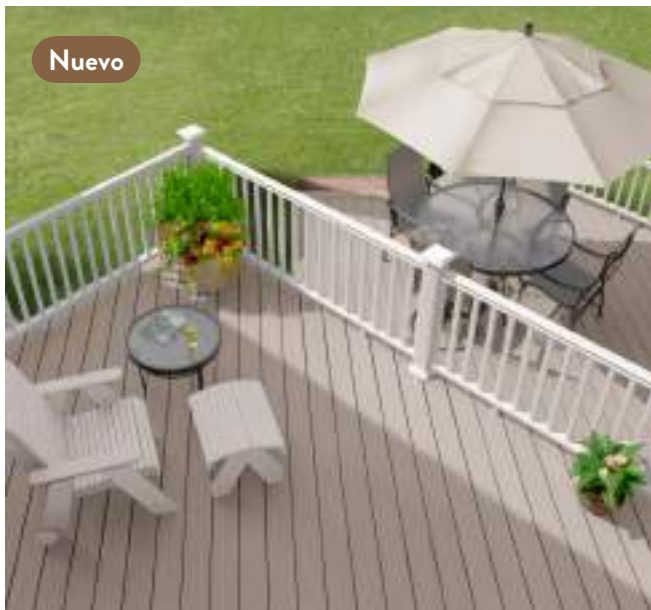
ANTIQUE LEATHER



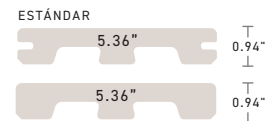
DRIFTWOOD



DARK ROAST®



Terrain+ Collection en Weathered Oak
Serie de Composite clásico en blanco



COMPOSITE

TERRAIN+ COLLECTION™

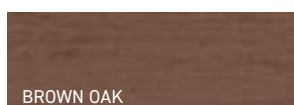
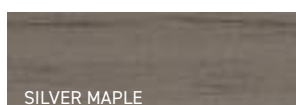
Grano de madera sutil

Con una nueva y mejorada tecnología de combinación de colores, estas tablas ofrecen colores sofisticados con un patrón de vetas sutiles como el roble blanco lijado y el nogal para una apariencia de madera natural y versátil.

- Tapa de polímero patentada de cuatro lados hecha sin fibras de madera para una resistencia superior al sol y la humedad, incluso en las ranuras.



Terrain Collection en Silver Maple



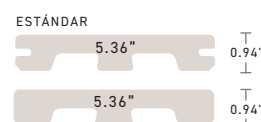
COMPOSITE

TERRAIN® COLLECTION

Grano de catedral rugoso

Capture una apariencia de madera auténtica y atemporal con la colección Terrain. Con una sutil variación de color y una veta texturizada, estas tablas brindan una apariencia atractiva a su oasis al aire libre.

- Tapa de polímero patentada de cuatro lados hecha sin fibras de madera para una resistencia superior al sol y la humedad, incluso en las ranuras.



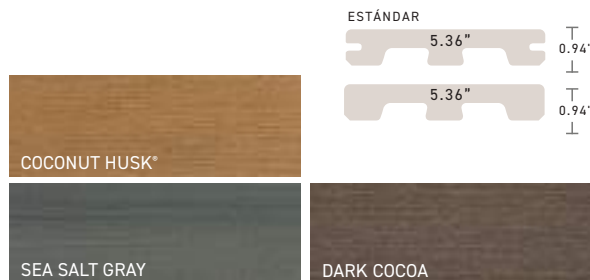
COMPOSITE

PRIME+ COLLECTION*

Grano de madera atemporal

Elija esta colección para disfrutar de una estética de madera clásica con colores naturales y atractivos y un patrón texturizado de vetas rectas.

- Tapa de polímero patentada de tres lados hecha sin fibras de madera para una resistencia excelente al sol y la humedad



COMPOSITE

PRIME & PREMIER COLLECTIONS*

Madera pintada

Al igual que una apariencia de madera teñida o pintada opaca, estas colecciones presentan colores vivos y sólidos de tintes para madera. Prime Collection presenta un tablón con rebajas para un peso más ligero, sin comprometer la sensación de seguridad bajo los pies.

- Tapa de polímero patentada de tres lados hecha sin fibras de madera para una resistencia excelente al sol y la humedad



SUJETADORES PARA TERRAZAS

Elija el sujetador que se adapte a sus preferencias de instalación y brinde una superficie impecable a su plataforma TimberTech.

SUJETADORES OCULTOS



CONCEALOC®

Compatible con nuestras tablas ranuradas

Clips con acabado - matte brown.



CORTEX®

Compatible con nuestras tarimas de exterior de perfil completo

Fijación de arriba hacia abajo con tapones a juego con el material.

Nuevo



CORTEX®

Tapones intercalados ahora disponibles para tarimas de Composite



EDGELOC®

Compatible con las tablas ranuradas Prime+, Prime y Premier

Tiras intercaladas de nylon de 12 clips con tornillos preestablecidos.



FUSIONLOC®

Compatible con nuestras tablas ranuradas

Clips de acero inoxidable intercalados.



SIDELOC®

Compatible con tablas con bordes cuadrados de PVC

Tornillos instalados con la guía SIDELOC.

SUJETADORES DEL MISMO COLOR



TOPLOC® PARA PVC AVANZADO

Fijación de arriba hacia abajo, sujetadores de acero inoxidable con cabezales del mismo color en la superficie de la terraza.



TOPLOC® PARA ALEROS DE PVC AVANZADO

Fijación de arriba hacia abajo, sujetadores de acero inoxidable con cabezales del mismo color para tablas de alero de PVC avanzado de TimberTech.



TOPLOC® PARA COMPOSITE

Fijación de arriba hacia abajo, sujetadores de acero al carbono con cabezales del mismo color en la superficie de la plataforma.



TOPLOC® PARA ALEROS DE COMPOSITE

Fijación de arriba hacia abajo, sujetadores de acero inoxidable con cabezales del mismo color diseñados para tablas de alero de composite de TimberTech.

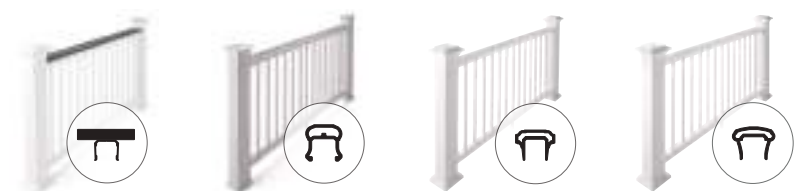
*Las tarimas de TimberTech (colecciones Prime+, Prime y Premier) están cubiertas por una garantía limitada del producto de 25 años y una garantía limitada de 25 años contra la decoloración y las manchas. El encapsulado patentado de las colecciones Prime+, Prime y Premier no cuenta con la tecnología Mold Guard.

Opciones de diseño ilimitadas respaldadas por garantías inmejorables

Serie de Composite Classic, Drink Rail Vintage Collection® en Coastline®

SERIE DE COMPOSITE CLÁSICO

Hecho de una mezcla de plástico reciclado y fibras de madera para brindar una durabilidad superior a la madera.



BARANDAL PARA APOYAR BEBIDAS

Compatible con tableros de perfil completo y con bordes cuadrados. No compatible con relleno de vidrio.

RADIANCERAIL™

PREMIER RAIL™

TRADEMARK RAIL™

Solo disponible en Gloss White y Matte White

OPCIONES DE RELLENO



BALAUSTRES DE COMPOSITE MACIZOS

ALUMINIO

VIDRIO

CABLE RAIL

OPCIONES DE ILUMINACIÓN DE BARANDAL DE COMPOSITE



LUZ DECORATIVA



LUZ BAJO BARANDAL



LUZ PARA REMATES DE POSTES



LUZ PARA REMATES ISLAND

OPCIONES DE COLOR



GLOSS WHITE



MATTE WHITE



MATTE ESPRESSO



MATTE BLACK



RADIANCERAIL EXPRESS®

Hecho de composite, este diseño inspirado en madera fresada está previamente enrutado para una fácil instalación.



RADIANCERAIL® EXPRESS

TODO INCORPORADO 1 SISTEMA DE BARANDALES

Nuestro Smart Set incluye todos los componentes en una sola caja para facilitar el pedido y la instalación. Solo disponible en White con balaustres de composite.

OPCIONES DE RELLENO



ALUMINIO

BALAUSTRE DE COMPOSITE HUECO

OPCIONES DE COLOR



WHITE



KONA®



BLACK



Radiancerail Express en White

IMPRESSION RAIL EXPRESS®

Fabricado en aluminio para mayor fortaleza y resistencia a la corrosión con recubrimiento en polvo para un diseño elegante, este sistema de barandales con paneles personalizables puede instalarse fácilmente.



CLÁSICO



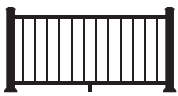
MODERNO



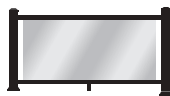
BARANDAL PARA APOYAR BEBIDAS

Compatible con tableros de perfil completo y con bordes cuadrados. No compatible con relleno de vidrio.

OPCIONES DE RELLENO



ALUMINIO



VIDRIO



CABLE VERTICAL



CABLE HORIZONTAL

OPCIONES DE COLOR



WHITE



DARK BRONZE



BLACK



Impression Rail Express en Black Vintage Collection® en Weathered Teak

ILUMINACIÓN IMPRESSION RAIL EXPRESS



TAPA DE POSTE DE LUZ PERIMETRAL



TAPA DE POSTE DE LUZ INDIRECTA



LUZ DECORATIVA PEQUEÑA



LUZ PARA REMATES DE POSTES DE 3"

STATEMENT RAIL™

Hecho de PVC reforzado con aluminio, este barandal elegante inspirado en madera fresada está previamente enrutado para una fácil instalación.

OPCIONES DE RELLENO



BALAUSTRES CUADRADOS HUECOS



BALAUSTRE DE ALUMINIO - BLACK



WHITE

OPCIONES DE COLOR



PINNACLE RAIL™

Barandal de PVC reforzado con aluminio con un riel superior ancho y plano para apoyar su bebida. La instalación atornillada permite la colocación de balaustres personalizados.

OPCIONES DE RELLENO Y PANELES



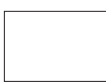
CHIPPENDALE TIPO 1



RED CUADRADA



BALAUSTRES CUADRADOS MACIZOS



WHITE

OPCIONES DE COLOR



Reserve Collection en Driftwood

TimberTech®

BY AZEK®



TimberTech es el ganador en esa importante encrucijada donde la belleza y el diseño se unen a la función y la durabilidad.

Elizabeth y Scott | Naperville, IL
Constructores de viviendas personalizadas
y propietarios de viviendas TimberTech

Vintage Collection® en Coastline® de azulejo multigran



Inspiración para propietarios

- Solicite muestras gratis
- Explore colores
- Use nuestro diseñador de tarimas en 3 D



Recompensas para contratistas

- Únase a nuestro Programa de lealtad
- Haga crecer su negocio
- Gane bonificaciones de puntos para gastar

Si tiene preguntas, nuestro equipo de expertos tiene las respuestas. **877-275-2935**



TimberTech
BY AZEK®



Welcome to TimberTech,

We are glad you are here! As you will see through this TimberTech Reference Book, in luxury living, outdoor spaces are essential, requiring seamless integration with interior design. We recognize that architects and designers must deliver outdoor areas with elevated aesthetics that can also endure the elements. Traditional materials have been the normal go-to decking materials, but maintenance needs and susceptibility to decay are clear drawbacks with some of these materials. That is where TimberTech comes in.



Recent years have witnessed a decking material renaissance, notably with TimberTech Composite Decking and TimberTech Advanced Polymer Decking. Our innovative brands address key homeowner priorities: aesthetics, durability/maintenance, and sustainability.

Intense material engineering has enabled TimberTech to overcome the limitations of early generation synthetic decking. Its proprietary polymer capping process duplicates the appearance of other decking materials without compromising performance. Versatile design options include collections of different woodgrain finishes, multiwidth boards, and tongue-and-groove profiles.

Durability is a cornerstone, evidenced by decades-long, warranted lifespans. TimberTech Advanced Polymer delivers better fire resistance than other decking materials, and its weather resilience is suitable for climate-risk regions and let's not forget, maintenance is minimal.

Because TimberTech Composite is sustainably made from up to 85% recycled materials and TimberTech Advanced Polymer is made from up to 60% recycled materials (and at end-of-life is itself recyclable), TimberTech Decking is a more sustainable option. Our parent company, AZEK, is the largest vertically integrated Polymer recycler in the U.S.

In conclusion, I hope that you will find, TimberTech signifies a decking paradigm shift, offering unmatched beauty, durability, and sustainability. Architects and designers specifying TimberTech empower homeowners to enjoy premier outdoor living spaces for decades, without compromising aesthetics or environmental responsibility. We know we are going to accomplish amazing things with partners like yourself and are excited to watch our international markets grow!

If you need anything from us, please ask! Chances are we have already anticipated your needs and can help.

Regards,

A handwritten signature in a cursive script, reading "Jon Skelly". The ink is a light grey color.

Jon Skelly, President, AZEK Residential



LEGACY COLLECTION

UNITED ARAB EMIRATES





LEGACY COLLECTION





RESERVE COLLECTION®







VINTAGE COLLECTION®

SINGAPORE



TERRAIN® COLLECTION





RESERVE COLLECTION



GERMANY



TERRAIN® COLLECTION





LEGACY COLLECTION





UNITED KINGDOM

KING POWER CENTRE



RESERVE COLLECTION



UNITED KINGDOM



TERRAIN® COLLECTION



NEW ZEALAND



VINTAGE COLLECTION®



NEW ZEALAND





VINTAGE COLLECTION®

AUSTRALIA



LANDMARK COLLECTION®









VINTAGE COLLECTION®





VINTAGE COLLECTION®



USA



PRIME+ COLLECTION®



USA





VINTAGE COLLECTION®





USA





VINTAGE COLLECTION®







STRUXURE





THE TECHNICAL RENAISSANCE OF SYNTHETIC DECKING

Modern high-end projects warrant a renewed analysis of TimberTech®

INNOVATION HAS CHANGED THE CALCULUS

In the construction and home improvement industry, there has been a rising emphasis on outdoor spaces in luxury living. Even more so, architects and designers today are often tasked with creating a seamless flow from indoor spaces to outdoor experiences.

The challenge: To deliver an outdoor living area with as elevated a design as the interior, yet able to survive the elements.

The alternative of composite decking became available decades ago. But while the performance benefits of early and subsequent synthetic products were superior to decking options, the appearance fell short of the aesthetics of wood, thus failing to impress the discerning eye of luxury architects and designers. Over the past few years, however, intense engineering and technical innovation have transformed the choices available in this space. Among the most successful, TimberTech® Composite Decking and TimberTech Advanced Polymer Decking. These TimberTech products represent a level of progress that has changed the calculus in outdoor decking. To fully embrace these developments, a brief timeline has been included below.



THE EVOLUTION OF SYNTHETIC DECKING

Upon introduction in the 1990s, composite decking products were “uncapped” with no protective outer layer. Because the boards were one solid material with no distinction between core and cap, the wood fibers in the composite mix were exposed to moisture, causing inevitable decay, mold growth, rotting and color fading. Also in these early generations, aesthetic appeal was severely limited.

Development of capping technologies in the early 2000s enhanced the protection of the wood-fiber component in composite decking, leading to improved fade resistance, durability and cleanability. Nonetheless, the appearance was still artificial with suboptimal fade resistance.

PVC-based synthetic decking was officially introduced in the 1990s.

However, significant improvements were not realized until 2004 when manufacturers began utilizing solid foam PVC. Despite the absence of capping, solid foam PVC offered clear advantages over composite materials in preventing water damage such as rotting. Even with this progress, early

products were hindered by uninspiring visuals and issues with color fading.

In 2009, advancements from AZEK in capping technologies led to improved aesthetics with better variegation. However, improvements did not fully meet the expectations of design-conscious consumers, and color degradation could occur. The merger between TimberTech and AZEK in 2012 marked a significant turning point, driving technological advancements, manufacturing innovations, and new product development. This was exemplified by the launch of TimberTech’s Vintage Collection in 2015, featuring Advanced Polymer Decking with dramatically improved resistance to fading and authentic premium hardwood visuals.

Over the past decade, innovation continued to evolve across TimberTech’s two distinct product lines: the cost-effective Composite Decking and premium Advanced Polymer Decking. Both lines benefit from the development of proprietary polymer capping technologies which enhance their durability and aesthetic appeal.

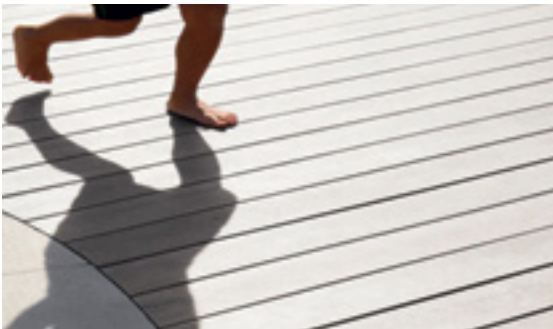
RESEARCH CONFIRMS 3 PRIORITIES FOR HIGH-END OUTDOOR SPACES

Conversations with luxury residential architects reveal three homeowner priorities for high-end decks:



PRIORITY 1

When specifying decking materials, aesthetics are the top consideration for both homeowners and architects. This is not surprising, as current criteria for outdoor spaces have become just as demanding as the scrutiny placed on indoor environments, specifically interior flooring options. In turn, luxury outdoor spaces are now aspirational lifestyles.



PRIORITY 2

It's clear that durability and maintenance play vitally important roles in decking material decisions. Clients not only want outdoor luxury, they want luxury that lasts for decades, made with a material that can withstand the elements and requires minimal maintenance.



PRIORITY 3

The use of sustainable materials has become an ever-bigger consideration in the minds of affluent homeowners, especially when architects and designers present them with aesthetically pleasing alternatives to other outdoor living products.

How does TimberTech address these three priorities?

- TimberTech Composite Decking has a protective polymer cap that shields the composite core from moisture damage, while enabling aesthetics that are also fade and stain resistant.
- TimberTech Advanced Polymer Decking utilizes premium polymer capping technology combined with a foam-like PVC core for superior fade resistance and superior fade, moisture, and rot resistance.



Early, competitive products were uncapped and experienced rotting through the bottom. Coloring was a basic woodgrain.



Today's TimberTech Advanced Polymer is capped on all four sides. It has a less exaggerated wood-grain with a superior color blend.

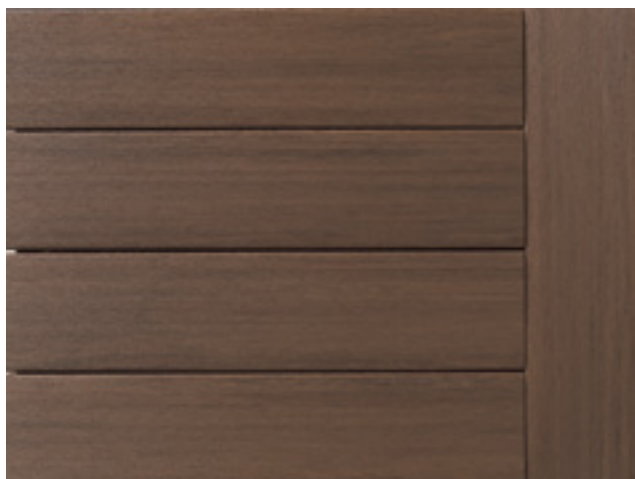
PRIORITY 1A

MATERIAL AESTHETICS & CRITICAL REALISM

Our conversations confirmed that appearance – specifically look, touch and feel – is the most significant factor driving decking preference. Traditionally, an outdoor living space, with its warmth, pleasing texture, and interesting and subtle color variations, is the standard.

That is why the proprietary polymer capping and unique color-blending processes employed by TimberTech hold such significance. These technologies, outcomes of intense research in material science, have enabled TimberTech to mirror the look of other outdoor living spaces with extremely high accuracy.

Historically, synthetic decking sought to replicate other outdoor living spaces look by employing a base color, often a brown or tan, then adding detail with a heavy “black streaking” methodology. To the casual observer this created an intriguing appearance, but its aesthetic was minimal at best. Today’s TimberTech approach is significantly evolved, delivering an authentic look that is more matte in finish than previous options or competitive brands.



Color blending

While proprietary, TimberTech employs multiple colors to achieve the tonal depth, subtle undertones, and natural variations. The visible cap receives a unique color-blending treatment. Importantly, there is none of the exaggerated black streaking or overly deep woodgrains that belie many synthetics.



Color cascading

To advance color sophistication further, TimberTech has introduced a color-cascading technique. This process – again, proprietary – employs computer-controlled metering of different, lifelike colors to deliver the nuanced aesthetic that results from the multifaceted interplay of weathering, color transformation from oxidation, and varying distribution of pigments that occur naturally.



Variable embossed woodgrain

TimberTech employs innovative embossing techniques to deliver a realistic, linear woodgrain pattern. This eliminates the repetitive patterns that are a dead giveaway of a lesser synthetic. Instead, the eye accepts TimberTech as fully natural in appearance.

With these capping advancements, architects and designers are now able to accurately match the look of many decking species that are often specified, including softer woods that have been stained or painted, and salvaged tropical materials.

In sum, capping technology is crucial as it conceals the core, which does not need to be visually appealing, thus allowing it to focus solely on providing durable, long-lasting performance. Beyond that, TimberTech has focused on the core to continuously improve the amount of blended recycled materials in its decking products. TimberTech Composite materials feature up to 85% recycled content in cap and core, while the Advanced Polymer line uses up to 60% recycled PVC exclusively in the core. This approach keeps waste out of landfills and helps reduce the use of virgin, fossil-derived plastics.

C American Walnut® from the TimberTech Advanced Polymer Landmark Collection®

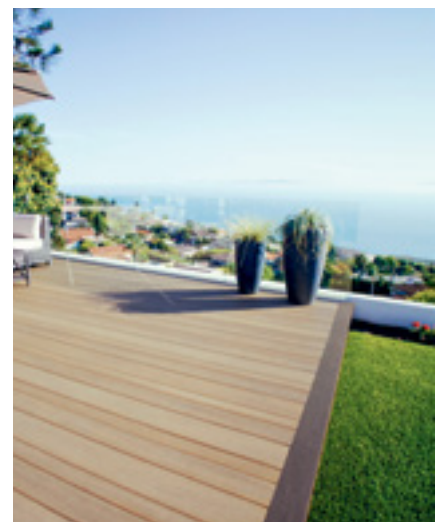
D Coastline® from the TimberTech Advanced Polymer Vintage Collection®

PRIORITY 1B

MATERIAL AESTHETICS & DESIGN EMPOWERMENT

When conceptualizing outdoor living spaces in the past, architects and designers have faced a litany of product limitations: material and site constraints, weather tolerance, safety standards, aesthetic compatibility, budget friction and more. While these limitations persist, the mandate to delight the client has not changed.

Fortunately, the innovations seen in TimberTech decking have virtually erased these limitations thanks to a diverse portfolio of profiles. Consider these specific examples of design empowerment:



Complete moisture to water

TimberTech Advanced Polymer is manufactured to be complete moisture to water. This enables the installation of stairs or skirting to be in direct contact with the ground, masonry and vegetation without rot, mold or mildew risk. For the same reasons, Advanced Polymer is highly applicable to poolside decks or docks – a frequent challenge in the luxury home echelon. The core of TimberTech Composite contains some wood fibers, but with all four sides capped, it too is sealed from moisture.

No-gap flooring

In certain high-end applications (ex: a covered southern-style porch), architects and designers might need to specify a floor without gaps. For these design opportunities, TimberTech offers porch boards that feature a tongue-and-groove profile. With tight joints, this empowers the creation of an authentic porch that will not need sealing or staining.

Multi-width options

TimberTech Advanced Polymer offers multiwidth boards that are available in narrow (89 mm), standard (140 mm), or wide (184 mm). This enables architects and designers to expand the wide-width interior flooring trend to the outdoors. Mixing and matching of widths is also a creative option, further broadening the creative palette.

HOW FLOORING LED TO COLLECTIONS

TimberTech developers note that collections like the ones seen here were inspired by a key design choice from inside the home: interior flooring. TimberTech collections aim to replicate the natural allure of decking, while offering architects and designers a versatile toolkit to achieve design trends. Design empowerment is achieved through collections with a specific woodgrain, available in multiple complementary colors – enabling professionals to seamlessly mix and match for their project.



Vintage Collection

Nuanced color blend with highlights and lowlights with refined, subtle grain for a premium look.



Landmark Collection

Multi-tonal color cascading for a high level of variation, complemented with cross-cut grain.

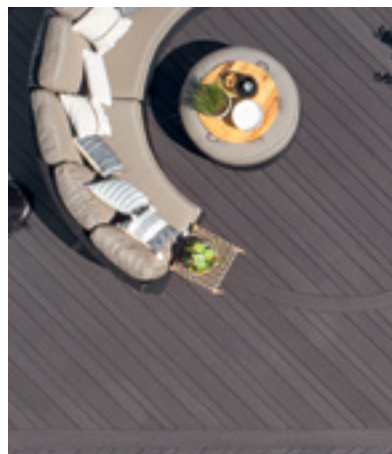
As architects and designers have expertise in delivering certain looks, TimberTech has designed and engineered multiple collections (see center panel). These collections embrace their own grain patterns and finishes, specific to design needs and client desires, that rise to the level of authenticity now demanded by luxury homeowners.

The ability to track and deliver trends is labor-intensive. TimberTech designers monitor trends from global media, trade shows, and the indoor flooring world, specifically from Western Europe, to ensure collections that pace modern expectations. Wide planks and multi-color flooring are two of the trends to emerge from those sources.

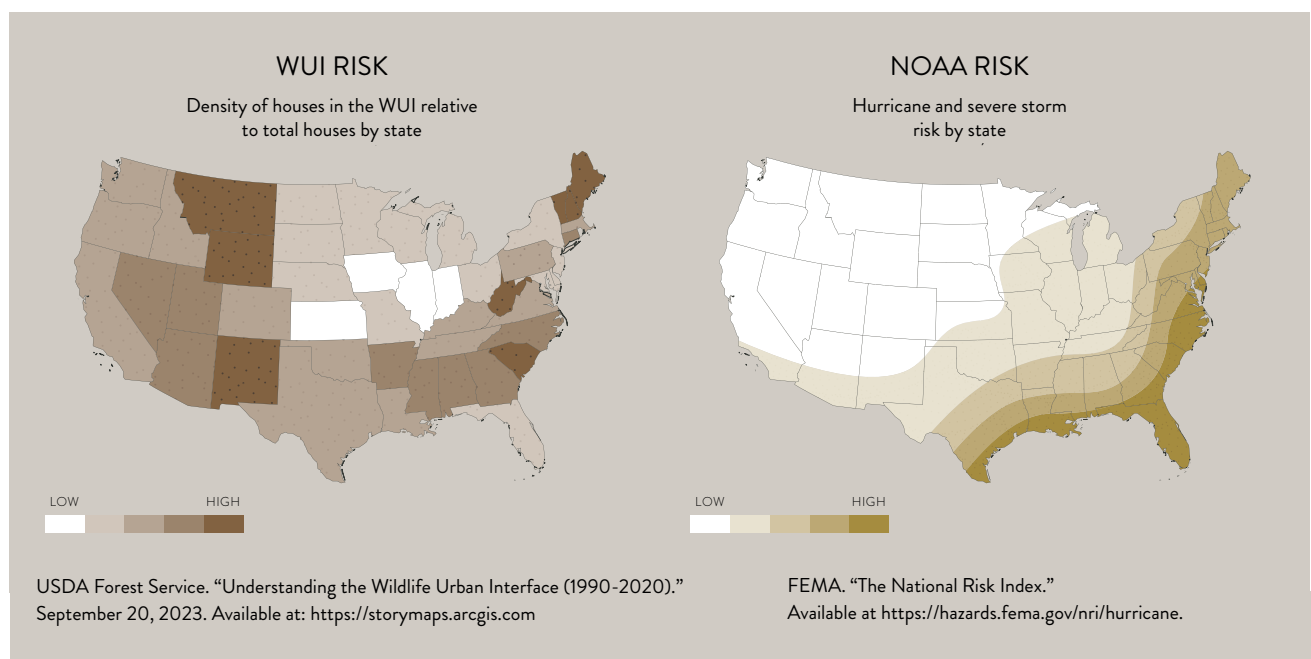
Another design option unique to TimberTech Advanced Polymer is heat bending (see below). This process involves heating the boards to high temperatures, then bending them into curved shapes. With this technique, it is now possible to execute curved stairways or follow landscaping borders. By comparison, heat bending with other decking materials is highly complex, expensive, and cumbersome – and it's not even possible with composites.

That said, there are other benefits unique to TimberTech Composite. By design, this is a heavier board, conveying a sense of sturdiness underfoot – a tactile sensation that some clients prefer.

As a result, the overall design flexibility of the TimberTech portfolio is notable. While architects and designers embrace TimberTech for its realism, creative empowerment is moving it well beyond the limitations other materials.



DURABILITY IN CHALLENGING TIMES



PRIORITY 3A

SUSTAINABILITY, AND FULL-CIRCLE RECYCLING

While architects and designers clearly state that sustainable products matter to homeowners, it comes with an obligation to meet their aesthetic and durability needs as well. TimberTech is unique in the industry in that it performs in all these respects.

TimberTech Composite Decking is manufactured with up to 85% recycled material including plastic bags, milk jugs, and other discarded plastics. The outcome is less plastic waste in landfills, and a highly sustainable decking material.

Meanwhile, TimberTech Advanced Polymer starts with up to 60% recycled content among its source materials. These include postconsumer and post-construction Polymer scrap such as pipe, vinyl siding, and window trim. Once considered to be an unrecyclable plastic, technology has closed the gap and made Polymer a recycling mainstay.

AZEK, the parent company of TimberTech, pioneered an efficient way to recycle Polymer in the manufacture of decking. In fact, AZEK is now the largest vertically integrated recycler of Polymer in the country. Millions of pounds of discarded Polymer are diverted annually from landfills to make TimberTech products. In 2020, AZEK launched a novel PVC collection program. By providing special bins at job sites and dealer locations for scraps and cutoffs, AZEK has created a new end-market for post-construction PVC waste.

At the end of functional life, TimberTech Advanced Polymer can itself be recycled. As a completely non-organic material, the decking can be transformed into new products which will yield another 50- year lifespan. Termed the AZEK FULL-CIRCLE® PVC Recycling.

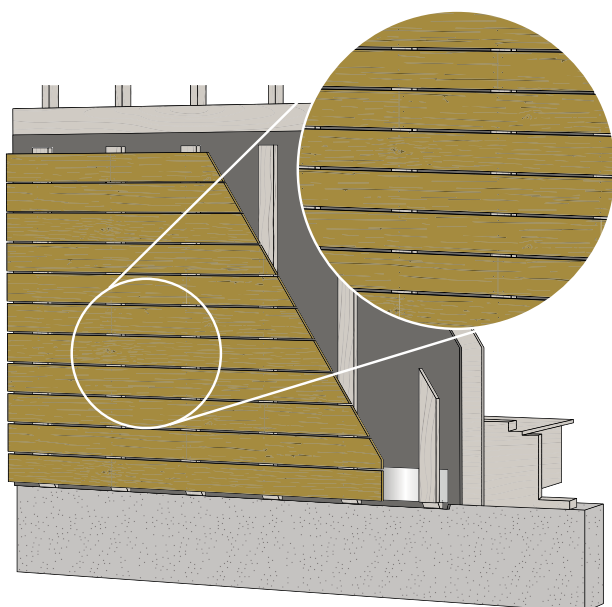


BROADER APPLICATIONS IN CLADDING

As established earlier, architects and designers are often tasked with connecting indoor spaces to luxurious outdoor environments. This connectivity can now extend to the home's exterior, as TimberTech® Advanced Polymer Cladding has gained rapid acceptance as a cladding and trim material on upscale residences. As with TimberTech Advanced Polymer Decking, this cladding solution shares a commitment to high-level, wood-matching aesthetics. Functionally, it is a longer-lasting, more durable alternative to other cladding materials, with resistance to moisture, rot, and fade among its strengths.

Beyond functional superiority, TimberTech Advanced Polymer Cladding extends design empowerment to vertical exteriors. Architects and designers can employ either open-joint or closed-joint construction techniques; both complete a highly effective and attractive rainscreen exterior. The functional and aesthetic rationale behind each is detailed here.

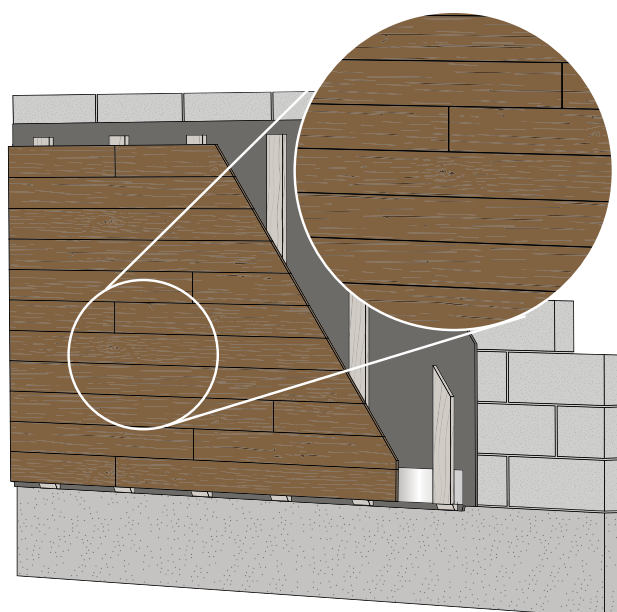




Open-joint cladding

Aesthetically, open-joint design employs TimberTech Advanced Polymer square shoulder boards. This creates a strong, linear design pattern for builders seeking a clean, minimalist, urban ethic. Also to that end, TimberTech's three board widths add to the palette of design possibilities.

Structurally, a waterproof member, rainscreen or barrier, is first attached to the building. Furring strips are secured over this barrier. Then TimberTech Advanced Polymer square shoulder boards are fastened to the strips, with air space in between and gaps (open joints) between each board. These fully capped boards – front, back and sides – are completely rot-resistant and absorb virtually no water, so rain can run out (and air can circulate) behind the cladding without issue.



Closed-joint cladding

The closed-joint method features TimberTech Advanced Polymer tongue-and-groove boards, delivering a sleek, uniform aesthetic. The boards are available in two widths to provide additional design options.

From a structural standpoint, construction is similar to the open joint approach: waterproof barrier over the structure, furring strips next, then the TimberTech boards. Since these tongue-and-groove boards nest together to form a solid surface, ventilation openings are installed strategically at the top and bottom of the system to allow air to flow through the cavity, aiding evaporation. Again, because TimberTech tongue-and-groove boards are fully capped, moisture, fade and rot concerns are virtually eliminated.



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If you have questions, our team of helpful experts has the answers:
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