



---

# ADVANTAGE GUIDE

---

SEE THE COMPOSITE DIFFERENCE



For more information please visit our website  
[www.composite-prime.com](http://www.composite-prime.com)

0113 426 2770

# CONTENTS

## COMPOSITE PRIME

Why Choose Elements & Boardwalk.....1  
The Material Difference.....2

## ELEMENTS

Capped Polymer Advantages.....3  
Moisture & Fading Resistance.....4  
Cost Comparison.....5

## BOARDWALK

Advant Capped Composite Advantages.....6  
Moisture & Fading Resistance.....7  
Portfolio & Summary.....8



## WHY CHOOSE

# ELEMENTS BY AZEK / BOARDWALK BY TIMBERTECH?

You deserve an outdoor living space that you can enjoy for decades to come, will increase your home's value, and is kind to our planet. That's why we manufacture sustainable, long-lasting, low-maintenance outdoor living products so you can get the most out of your garden.

### WE ARE COMPOSITE PRIME - GO AGAINST THE GRAIN WITH US.



#### DRIVEN BY SUPERIOR TECH

Every product in our portfolio is meticulously designed by our expert R&D team of material scientists and engineers to give your decks durability, long-lasting beauty, and premium performance.



#### SUSTAINABLE TO THE CORE

Our core value of doing the right thing by you and the planet manifests itself in sustainably manufacturing ecofriendly building products.



#### ENDLESS DESIGN OPTIONS

Our naturally good looking decking is modeled after the nuances found in Mother Nature's color palette and showcases the textures and finishes found in premium hardwoods.



#### BACKED BY LEADING WARRANTIES

We're so confident in our products being a smart investment that we back all of them with industry leading warranties.



#### #1 QUALITY RATING FOR TIMBERTECH AZEK DECKING USA

\* According to the 2019 BUILDER Brand Use Study, TimberTech AZEK ranked #1 in quality in the composite decking category. Rankings based on results from 2019 surveys by Builder magazines. BUILDER Magazine are owned by 2019 Hanely Wood Media, Inc.



# THE MATERIAL DIFFERENCE

Choosing the right composite decking is more than finding the color and wood grain pattern you prefer; it's also the material makeup of the boards that matters. From capped polymers to capped composites to competitors' decking, we break down the benefits to each material so you can make the best decision for your lifestyle.



**Capped Polymer Decking**  
Unrivaled Design And Performance

FADE & STAIN LIMITED WARRANTY

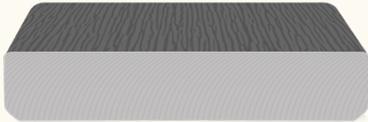
**50 YEARS**

PRODUCT WARRANTY

**LIMITED LIFETIME**

ALLOY ARMOUR TECHNOLOGY

MULTI-WIDTH DECKING



- The most advanced synthetic material technology without the use of wood particles
- Unbeatable moisture resistance
- 50-Year Limited Fade & Stain Warranty
- Advanced design options including Multi-Width
- Stays cooler to the touch\*\*

END OF BOARD:



BOTTOM OF BOARD- PROTECTED:





**4-Sided Capped Composite Decking**  
Premium Style and Performance

FADE & STAIN LIMITED WARRANTY

**30 YEARS**

LIMITED WARRANTY

**30 YEARS**

COMPOSITE PRIME MOLD GUARD TECHNOLOGY



- Premium composite decking with the added protection of a fully synthetic cap on all four sides
- Premium resistance to moisture with Mold Guard® Technology
- 30-Year Limited Fade & Stain Warranty
- Premium aesthetics that mimic natural wood

END OF BOARD:



BOTTOM OF BOARD- PROTECTED:



**LEADING COMPETITORS**

**3-SIDED CAPPED COMPOSITE DECKING**  
AVERAGE PERFORMANCE



- Traditional composite decking with a synthetic 3-sided cap
- Surface protection from moisture
- 25-Year Limited Fade & Stain Warranty
- An upgrade from wood

END OF BOARD:



BOTTOM OF BOARD:



TOP OF BOARD:



# CAPPED POLYMER ADVANTAGES

## Elements

### Unrivaled Mold Resistance | No Wood

No wood fillers in core or cap for **best resistance to mold** and other moisture damage.

### Stays Cooler To The Touch | Naturally Cool\*\*

Up to **30 degrees cooler** than most competitive composite products.

### Save Time & Money On Installation | Less Work, Weight & Looks Great

Up to **30% lighter** than leading competitive composite products. No pre-drilling required. Permits counter sinking with no surface distortion or cracking.

### Resistant To Scratches & Dents | Livable, Durable Decks

Scratch- and dent-resistant for a **more durable surface** than many competitive composite products and wood decking.

### No Permanent Stain Damage | Spills Happen

Clean away sauces, oils, and other household products without a worry. Our decking is backed by the industry's best 50-Year Fade & Stain Warranty, which is twice the length of most competitors' warranties.

### 50-Year Fade & Stain Warranty | Steadfast Color\*

Shades **designed to retain color**, proven in third-party weather testing.

### Sophisticated Color & Texture | Envable Beauty

**#1 in Premium Decking** with our superior technology and design versatility.

### Better In Wet & Dry Conditions | More Traction

Up to **40% better slip resistance** than most competitive composite products.

### Sustainable | Majority Recycled Content

Our products are environmentally friendly. We never cut down any trees to make AZEK decking. Made from up to 54% recycled material.

### Confidently Covered | Lifetime Limited Warranty

**Industry-leading warranties.** Our products are protected by premium warranties and for good reason:

\*Depending on environmental conditions, TimberTech AZEK deck colors may appear to change over time as part of the natural weathering process consistent with the warranty guarantees where applicable.  
 \*\*Although AZEK Deck products are cooler to the touch than many other deck board products, all decking products will get hot in the sun. Additionally, the darker the decking color, the hotter it will feel. For hotter climates, consider choosing a lighter color.



## Elements

### LEADING COMPOSITE COMPETITORS

### WOOD

DESCRIPTION	100% synthetic capped polymer material with advanced surface protection	Capped composite material	A variety of wood species
PRODUCT WARRANTY	Limited Lifetime - best available	25-year product warranty	No product warranty offered
FADE & STAIN WARRANTY	50-Year Fade & Stain Warranty	25-Year Fade & Stain Warranty	No fade & stain warranty offered
COMPOSITION: CORE	No wood fillers	Mix of wood fillers	Wood
COMPOSITION: CAP	100% synthetic; No wood fillers	Mix of mineral fillers and composite materials	N/A - No cap
ADVANCED SURFACE PROTECTION	Alloy Armour Technology®	N/A	Requires staining, sanding, and upkeep for long-term durability and aesthetics
PREMIUM MULTI-WIDTH PRODUCTS	Multi-Width Decking	Standard widths only	Varied sizes and widths available
NATURAL WOOD-LIKE COLOR	Complex multi-color blending	Standard streaking technology	Must be painted or stained to achieve desired aesthetic
SLIP RESISTANCE	Up to 40% better slip-resistance than leading competitive composites	Standard slip-resistance	Reduced slip-resistance, per internal test results
SPLINTER-FREE	✓	✓	Easy to get splinters
STAYS COOLER IN THE HEAT (NO SPECIAL COATING REQUIRED)	Up to 30 degrees cooler than leading competitive composite products**	Gets hotter in the sun compared to AZEK, even in similar colors	Must be sealed for best performance. Finish color will affect heat build
WEIGHT	Lightest. Up to 30% lighter than competitive composite products	Standard weight of capped composite	Varies based on species
MEETS REQUIREMENT FOR EN13501-1 CLASS B	✓	Most products do not meet requirement	Doesn't meet requirement without treatment
EASE OF INSTALLATION	Sturdy metal fastening options for superior install integrity	Limited fastening options available, often requiring larger spacing between boards	Traditional fastening leaving visible nail heads for less desirable aesthetic and protection

# CAPPED POLYMER ADVANTAGES

100% SYNTHETIC. 100% PROTECTED.

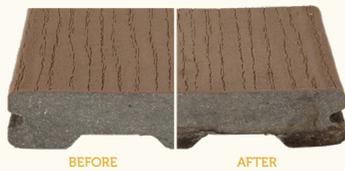
## Unbeatable Moisture Resistance



TimberTech® AZEK® decking offers capped polymer boards with zero organic material in their core or cap. Our product's synthetic nature makes it resistant to damage from moisture, mold, and mildew. Plus, since there are no organic wood fillers for moisture to latch onto, these capped polymer boards are durable enough for any lifestyle and location, including moisture-rich environments, or coastal climates.



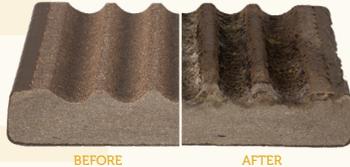
**Competitor Decking**  
30-Day Moisture-Contact Test



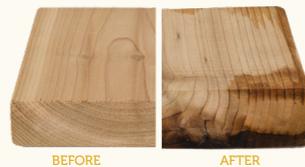
**Competitor Decking**  
30-Day Moisture-Contact Test



**Competitor Decking**  
30-Day Moisture-Contact Test



**Cedar Wood**  
30-Day Moisture-Contact Test



ENGINEERED TO WITHSTAND THE HARSHTEST CONDITIONS

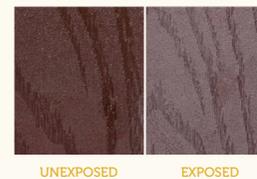
## Unrivaled Fading Resistance



Season after season, the technology in our 4-sided capped composite decking delivers long-lasting beauty and premium performance. The color retention, performance hardiness, and overall weathering of leading hardwoods and our composite decking were tested.\* The results were clear: Our superior capping technology provides long-lasting beauty and performance.



**Competitor Decking**



**Competitor Decking**



**Competitor Decking**



**Ipe Wood**



**Cedar Wood**



# CAPPED POLYMER ADVANTAGES

## BRAZILIAN IPE WOOD VS. OUR Elements®

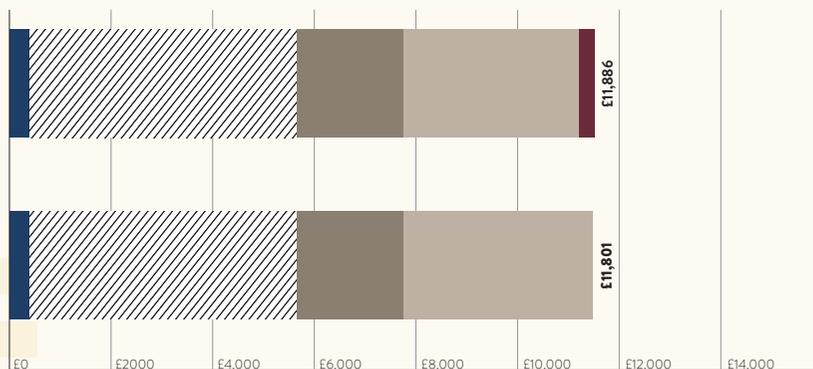
### Upfront Cost

The cost to build a deck varies based on many factors; there's labor, time of year, scale of the deck, and most importantly, material type. Even the best hardwoods, like Brazilian Ipe, don't compare with the unbeatable TimberTech® AZEK® Vintage decking.

BENEFIT	IPE PREMIUM HARDWOOD	VINTAGE COLLECTION
Lifetime Limited Product Warranty	-	✓
50-Year Fade & Stain Warranty	-	✓
Hassle Free – no need to hire labor for maintenance every other year	-	✓
Sustainable Choice – made from up to 54% recycled material	-	✓
Worry Free - no splinters	-	✓

### The Upfront Cost To Build A Deck

Ipe Premium Hardwood vs. AZEK Vintage Boards. The upfront cost is up to 1% less when you choose AZEK Vintage decking over Ipe premium hardwood.



Estimated decking costs based on the national average for a 16' x 20' deck. Meant for visual representation only. Actual costs may vary.

Initial Stain & Seal  
Deck Material Cost  
Labor to Install  
Substructure with Labor  
Excess Material & Fasteners

## BRAZILIAN IPE VS. OUR PREMIUM VINTAGE COLLECTION®

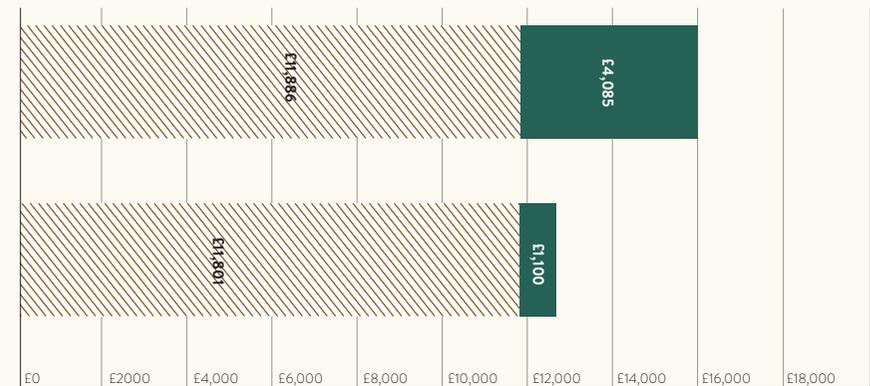
### Long-Term Cost

It's critical to consider the lifetime costs when building your dream deck. Don't forget to factor the staggering long-term costs of maintaining traditional lumber decking before deciding on material type for your outdoor oasis.

To make it easier, we've crunched the numbers of the general, long-term costs associated with a premium deck. The cost of labor and supplies for sanding, staining, and sealing a wood deck quickly add up.

### The Cost Of Owning and Maintaining A Deck Over 10 Years

Ipe Premium Hardwood Vs. AZEK Vintage Boards. The total cost over 10 years is up to 19% less when choosing TimberTech AZEK decking over Ipe.



Estimated decking costs and maintenance material costs for a 16' x 20' deck over a 10-year period. Meant for visual representation only. Actual costs may vary.

# ADVANCED COMPOSITE ADVANTAGES



## 4-Sided Capped Composite Advantages

TimberTech® PRO® Decking

### Superior Moisture Resistance | Four-Sided Protection

Extremely resistant to moisture intrusion as there are **no wood particles in the 4-sided cap**.

### Better Protected Than The Competition | Mold Guard® Technology

The **best mold protection** you can get thanks to 4-sided coverage.

### Coverage The Competition Doesn't Have | Backside Coverage

Unlike leading competitive composites, the bottoms of our boards are **completely covered** to protect the board and repel moisture.

### Completely Covered Where It Counts | Gets in the Grooves

We don't cut corners, we cover them. The **grooves and backsides of our boards are covered**, which keeps the core covered and moisture out.

### Strong Resistance To Stain Damage | Spills Happen

Strong resistance to stain damage with a protected, cleanable surface. We offer a **30-Year Limited Fade & Stain Warranty**. Most competitors offer a 25-year warranty.

### Strength Against Fade | Steadfast Color\*

Shades designed to retain color, proven in third-party weathering tests.

### Strength Versus Competition | Superior Fastening

Improved integrity of the installation through **strength and variety** of fastening options.

### Sustainable | Up to 80% Recycled Material

We consistently strive for **eco-responsibility** in our PRO decking products.

\*Depending on environmental conditions, TimberTech® PRO® deck colors may appear to change over time as part of the natural weathering process consistent with the warranty guarantees where applicable.



	boardwalk <small>Powered by TimberTech</small>	LEADING COMPOSITE COMPETITORS	WOOD
<b>DESCRIPTION</b>	4-sided capped composite material with Mold Guard® Technology	3-sided capped composite material	A variety of wood species
<b>PRODUCT WARRANTY</b>	30-Year Limited Warranty	25-year product warranty	No product warranty offered
<b>FADE &amp; STAIN WARRANTY</b>	30-Year Fade & Stain Warranty	25-Year Fade & Stain Warranty	No fade and stain warranty offered
<b>COMPOSITION: CORE</b>	Mix of wood fillers and composite materials	Mix of wood fillers and composite materials	Wood
<b>COMPOSITION: CAP</b>	100% synthetic; No wood in 4-sided cap	Synthetic 3-sided cap that may contain wood particles	No protective layer. Needs constant sanding, sealing, and maintenance
<b>ENGINEERED FOR MOISTURE RESISTANCE</b>	Full 4-sided protection on backside and in grooves	Many capped composites do not cover the bottom and grooves	No protective layer. Needs sanding, sealing, and maintenance
<b>MAJORITY IS RECYCLED MATERIALS</b>	✓	✓	N/A
<b>NATURAL PREMIUM WOOD AESTHETIC</b>	Complex, multi-color and solid options; premium wood grain patterns	Standard streaking technology and wood grain pattern	Must be painted or stained to achieve desired aesthetic
<b>SPLINTER-FREE</b>	✓	✓	Easy to get splinters
<b>EASE OF INSTALLATION</b>	Sturdy metal fastening options for superior install integrity	Some recommended fastening options require larger spacing between boards	Traditional fastening leaving visible nailheads for less desirable aesthetic and protection

# ADVANCED COMPOSITE ADVANTAGES

Our 4-Sided Cap Covers Corners, Grooves, & Backsides

## Advanced **Moisture Resistance**



TimberTech® PRO® 4-sided capped composite decking covers into the grooves and the bottom of boards. That means our PRO decking repels damage from moisture, mold, and anything life throws at it in moisture-rich environments, coastal climates, and in areas with prolonged sun exposure.



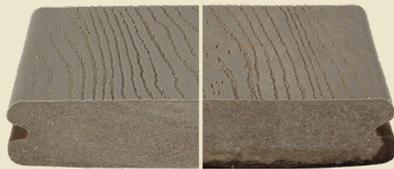
**30-DAY MOISTURE-CONTACT TEST**



BEFORE

AFTER

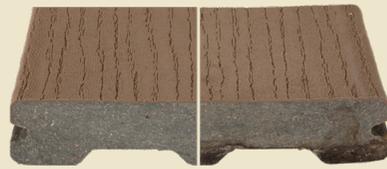
**COMPETITOR DECKING**  
30-Day Moisture-Contact Test



BEFORE

AFTER

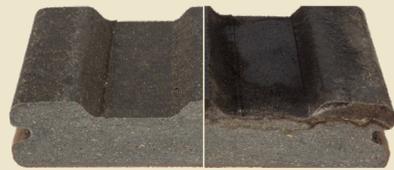
**COMPETITOR DECKING**  
30-Day Moisture-Contact Test



BEFORE

AFTER

**COMPETITOR DECKING**  
30-Day Moisture-Contact Test



BEFORE

AFTER

**COMPETITOR DECKING**  
30-Day Moisture-Contact Test



BEFORE

AFTER

Engineered to withstand the harshest conditions

## Outstanding **Fading Resistance**



Season after season, the technology in our 4-sided capped composite decking delivers long-lasting beauty and premium performance. The color retention, performance hardness, and overall weathering of leading hardwoods and our composite decking was tested.\* The results were clear: Our superior capping technology provides long-lasting beauty and performance.



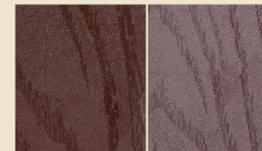
**30-DAY MOISTURE-CONTACT TEST**



UNEXPOSED

EXPOSED

**COMPETITOR DECKING**



UNEXPOSED

EXPOSED

**COMPETITOR DECKING**



UNEXPOSED

EXPOSED

**COMPETITOR DECKING**



UNEXPOSED

EXPOSED

**IPE WOOD**



UNEXPOSED

EXPOSED

**CEDAR WOOD**



UNEXPOSED

EXPOSED

\*Tests labeled "Competitor Decking" were conducted by an independent, third party. Hardwood testing was conducted internally.

# ADVANCED COMPOSITE ADVANTAGES

Go Against The Grain® With Decking That Lasts

## Portfolio & Summary

We want you to have all the facts, before you make your decision. While some people choose to save money upfront, we know that a majority of homeowners want to do the right thing for their home, the environment, and for their wallet – and that means looking at the long-term costs, durability, performance, and beauty.

Don't just take our word for it; compare Elements and Boardwalk against our leading competitors, premium hardwoods, and pressure-treated timber.



BENEFIT	Elements	boardwalk	LEADING COMPETITORS	IPE PREMIUM HARDWOOD	PRESSURE TREATED WOOD
<b>MATERIAL</b>	CAPPED POLYMER	4-SIDED CAPPED COMPOSITE	3-SIDED CAPPED COMPOSITE	WOOD	PRESSURE TREATED WOOD
<b>PRICE RANGE</b>	££-£££	£-££	£-££	£££	£
<b>PRODUCT WARRANTY (YEARS)</b>	LIFETIME 50	30	25	0	0
<b>FADE &amp; STAIN WARRANTY (YEARS)</b>	50	30	25	0 (Prone to fading and staining)	0 (Prone to fading and staining)
<b>HASSLE FREE - LOW MAINTENANCE</b>	✓	✓	✓	-	-
<b>SUSTAINABLE CHOICE</b>	✓	✓	✓	-	-
<b>WORRY FREE - NO SPLINTERS</b>	✓	✓	✓	-	-
<b>WUI COMPLIANT</b>	✓	✓	?	-	-
<b>CUTTING-EDGE TECHNOLOGY</b>	✓	✓	-	-	-
<b>MULTI-WIDTH AVAILABLE</b>	✓	-	-	-	-
<b>HEAT RESISTANCE</b>	Stays up to 30% cooler than leading competitive composites.	-	-	-	-
<b>SLIP RESISTANCE</b>	Up to 40% better slip resistance than leading competitive composites.	-	-	-	-