# Everything Ipe should be

TimberTech Advanced PVC Decking has several real wood looks that rival the beauty of Ipe. It's also more durable than Ipe over time, requires minimal maintenance, and is a more environmentally sustainable option.

## The drawbacks of Ipe

### DEMAND OUTPACES TREE GROWTH

Some Ipe species can take 100 years to reach maturity—with only one adult sized tree grown every 25 acres.[1] Despite this slow growth, demand for Brazilian Ipe grew 76% between 2010 and 2020.[2] In some remote areas of the rainforest, this has led to less regulated harvesting operations, and more harm to the environment.

### A LONG JOURNEY CONSUMING MORE RESOURCES

Most commonly harvested from the Brazilian rainforest, Brazilian Ipe travels nearly 8,000[3] miles to reach the US, consuming massive quantities of fossil fuels and polluting the atmosphere with $CO_2$ along the way.

## The TimberTech advantage

### 100% TREE-FREE

TimberTech Advanced PVC is made from zero trees and approximately 60% recycled PVC material following sustainable sourcing and manufacturing practices.

### SUSTAINABLY MADE IN THE USA

TimberTech Advanced PVC is made in the USA. So, our products travel much shorter distances and contribute considerably less pollution.

## VINTAGE COLLECTION: AS BEAUTIFUL AS IPE

Whether you prefer the oiled or weathered Ipe look, you'll love our Vintage Collection®. Engineered using a combination of multi-tonal color blending, a tight grain pattern, and a wire-brushed, low-gloss finish, it is designed to deliver the nuanced, nature-inspired beauty of hardwoods like Ipe.

CYPRESS ENGLISH WALNUT MAHOGANY OILED IPE

COASTLINE WEATHERED IPE

To learn more about TimberTech, the Ipe Alternative, visit timbertech.com/IpeAlternative or scan the code.

# SUSTAINABILITY IPE CAN'T MATCH

## Ipe

### HIGHER LIFE CYCLE CARBON FOOTPRINT[4]

10,774 kg
carbon emissions

### CONTRIBUTES TO DEFORESTATION

- Land damage and habitat loss to Amazon flora & fauna
- Inconsistent enforcement of regulations can lead to illegal trade
- Carbon reserve loss

### NEGATIVE IMPACTS OF TRANSPORTATION

- Ipe travels about 8,000[3] miles just to get from Brazil to the US
- Additional miles vary by state
- Transportation fuels pollute the atmosphere with $CO_2$

### FREQUENT AND TOXIC MAINTENANCE

- Annual (at minimum) maintenance requires chemical cleaning
- Higher water consumption to wash & rinse the deck
- Ipe oils can contain volatile organic compounds (VOCs)

## TimberTech

### LOWER LIFE CYCLE CARBON FOOTPRINT[4]

1,170 kg
carbon emissions

### MADE WITH RECYCLED MATERIALS

- TimberTech Advanced PVC is made of about 60% recycled material—and is fully recyclable at the end of its useful life through AZEK's FULL-CIRCLE Recycling Program
- No trees are cut down to make our decking
- We divert hundreds of millions of pounds of plastic waste from landfills each year

### SUSTAINABLE MANUFACTURING IN THE USA

- Up to 97% of the water in our closed loop filtration system is reused
- Approximately 99% of internal scrap in our facilities is reused

### LOW-MAINTENANCE, ECO-FRIENDLY CLEANING

- TimberTech DeckCleaner is biodegradable
- Low-maintenance decking means less frequent cleanings—and less water used

## PERFORMANCE BACKED BY INDUSTRY-LEADING WARRANTIES

In addition to delivering real wood beauty to rival Ipe, TimberTech Advanced PVC offers unparalleled performance—a promise we proudly back up.

FADE & STAIN LIMITED 50 YEAR WARRANTY

Our boards maintain their rich color and resist staining for decades.

PRODUCT LIMITED LIFETIME WARRANTY

Advanced PVC is highly resistant to moisture and won't splinter, crack, peel, or rot—no sanding, staining, or sealing ever needed.

BEST CHOICE FOR FIRE ZONES* *DETAILS AT TIMBERTECH.COM/FIRE

Advanced PVC Collections feature Class A Flame Spread Rating, WUI-Compliance, or both.

RECYCLED MATERIAL MADE IN THE USA

Made in the USA from approximately 60% recycled material, including post-construction scrap like vinyl siding and trim.

TimberTech BY AZEK

Made in the USA

1. CoP18 Doc.105.3: Consultation on proposals to amend the CITES Appendices for timber species. Available at: https://cites.org/sites/default/files/eng/cop/18/doc/E-CoP18-105-03-A8.pdf.
2. https://www.forest-trends.org/wp-content/uploads/2022/03/Demand-for-Luxury-Decks-in-Europe-and-NA-is-Pushing-Ipe-to-the-Brink-of-Extinction.pdf.
3. Transportation miles calculated in a base scenario within a life cycle assessment of Ipe decking performed by ACV Brasil in partnership with The AZEK Company Inc.
4. According to life cycle assessment studies commissioned by The AZEK Company, independently performed by Sphera and ACV Brasil, combined with company estimates assuming 60% recycled material in TimberTech Advanced PVC decking.

Printed on recycled paper containing at least 30% post-consumer waste fiber.

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