TimberTech®
EVERYTHING WOOD SHOULD BE®

BEST DECKING FOR FIRE ZONES

TimberTech Advanced PVC collections feature top ratings for fire resistance

TimberTech Decking offers a premium solution for deck builders and contractors seeking fire-resistant materials. Our proprietary Advanced PVC combines authentic wood looks with unparalleled performance and features an Ignition Resistant designation, Class A Flame Spread Rating, and/or WUI Compliance.

Understanding fire resistance

IGNITION RESISTANT
ASTM E2768

IGNITION RESISTANT

The state of California, and surrounding states that have adopted their standards, have an “ignition resistant” designation for building materials that resist catching fire or burning easily, and that may slow the spread of flames. Ignition-resistant decking is less likely to catch fire compared to traditional and composite decking materials.

CLASS A
A
FLAME SPREAD RATING
ASTM E84

FLAME SPREAD INDEX

Flame spread ratings are based on the measure of how quickly and how far flames travel across the surface of a material. This indicates a material’s resistance to fire and its potential to contribute to the spread of flames. A Class A Flame Spread Rating indicates superior fire resistance, meaning the material is highly effective at inhibiting flame spread.

FLAME SPREAD RATINGS RANGE FROM AN INDEX OF 0-200		
Class A: 0-25 (the “best” score)	Class B: 26-75	Class C: 76-200

The Flame Spread test measures the distance flame travels and the time it travels to determine the A, B, or C Flame Spread Index Classification.

WUI COMPLIANCE (WILDLAND URBAN INTERFACE)

Wildland Urban Interface refers to areas where houses and areas prone to wildfires meet. These areas are at high risk of wildfires, so building codes have specific requirements for materials like decking. Here's what makes a deck WUI Compliant in the state of California (and other neighboring areas):

Resists Flame Spread WUI-approved decking has a flame spread rating from an A to a C. An A rating means it has the lowest rate of flame spread and burns more slowly.

Resists Embers Wildfires often shower sparks and embers, which can ignite materials. WUI Compliant decking resists catching fire due to flying embers.

Key Benefits of Fire-Resistant Decking

No other decking matches the beauty or performance of our **Vintage and Landmark Collections** *and* features top-rated fire resistance.

- **Top-rated fire resistance** With an Ignition Resistant designation and Class A Flame Spread Rating, they are more fire resistant than traditional wood and composite decking materials.
- **Peace of mind** Homeowners can enjoy their outdoor spaces knowing that they've taken proactive steps to help protect their deck against fire hazards.
- **Code compliance** Many municipalities in fire zones require building materials with a Class A Flame Spread Rating and/or WUI Compliance*.

**Check with local building code department or local Fire Marshal for more guidance.*

TimberTech outperforms the competition

BRAND	MATERIAL TYPE	IGNITION RESISTANT	CLASS A FLAME SPREAD RATING	WUI COMPLIANT
TimberTech Vintage & Landmark	Advanced PVC	✓	✓	✓
TimberTech Harvest	Advanced PVC			✓
TimberTech Porch	Advanced PVC			✓
TimberTech Reserve (Fire-resistant SKUs only)	Composite			✓
TimberTech Premier (Square-shouldered boards only)	Composite			✓
Trex Transcend and Select	Composite			✓
Trex Enhance Basic & Naturals	Composite			
Fiberon Promenade & Paramount	PVC		✓	✓
Deckorators Voyage/Vault/Frontier	Composite			

Over 20 WUI-Compliant options for fire zones

BEST CHOICE FOR FIRE ZONES

VINTAGE COLLECTION®

ADVANCED PVC

Ignition Resistant | Class A Flame Spread Rating | WUI Compliant

LANDMARK COLLECTION®

ADVANCED PVC

Ignition Resistant | Class A Flame Spread Rating | WUI Compliant

HARVEST COLLECTION®

ADVANCED PVC

Class B Flame Spread Rating | WUI Compliant

PORCH COLLECTION

ADVANCED PVC

Class B Flame Spread Rating | WUI Compliant

RESERVE COLLECTION

COMPOSITE

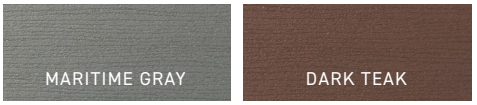
WUI Compliant

*Fire-resistant SKUs only

PREMIER COLLECTION®

COMPOSITE

WUI Compliant

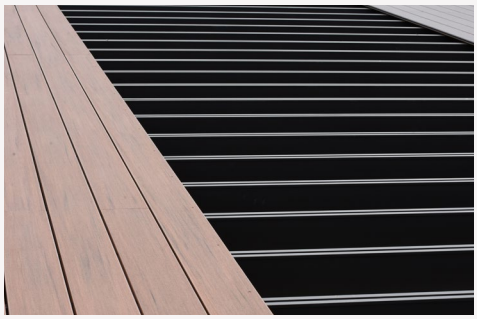


*Square-shouldered boards only

KEY BENEFITS OF

TimberTech FRAMING BY AZEK

With TimberTech Aluminum Framing, deck builders and homeowners gain benefits that wood can't offer. Our Aluminum Framing is compatible with all TimberTech Decking and Railing.



Why Aluminum?

HIGH STRENGTH Longer spans than 2x10 wood joists are now possible
LONG LIFE Won't rot like wood, won't rust like steel, won't burn like wood
EASY TO WORK WITH Lightweight, easy to cut, no sanding, lies straight and flat
ENGINEERED SMART Fewer nuts and bolts and less on-site fabrication necessary
FULL-CIRCLE Starts with recycled aluminum, can be recycled at end of life

FAQs

What does having an Ignition Resistant designation, Class A Flame Spread Rating, or WUI Compliance mean for a deck?

None of these indicate that a deck won't burn. An Advanced PVC deck can burn, but not the way decking with a lower flame spread rating would. The Vintage and Landmark Collections' Ignition Resistant designation and Class A Flame Spread Rating means they will have a slower rate of flame spread and will burn in a slower, less intense way compared to traditional wood and composite decking.

Will a TimberTech Advanced PVC deck still be standing after a fire?

No. While our Vintage and Landmark Collections resist catching fire and contributing to the spread of flames, sustained exposure to extreme fire temperatures may severely damage the boards. And if the deck's substructure is made of wood, it's possible that may catch fire and burn.

How did TimberTech Advanced PVC Vintage and Landmark Collections earn the Class A Flame Spread Index Rating?

Independent testing laboratories use a standard method to come up with A, B, or C flame spread ratings. It involves putting test material—like our Advanced PVC Decking—into a device that ignites it and measures how far and how fast the fire spreads down the material in a fireproof tunnel as technicians observe and time the test. The results of the test are used to calculate the flame spread index value and then ranked against the flame spread classifications of an A, B, or C that are found in the International Building Code (IBC). A is the best rating a material can receive in this test.

What does having an Ignition Resistant designation and Class A Flame Spread Rating mean for a homeowner?

Class A Flame Spread Rated decking provides better protection for a deck against fire incidents. Materials with this rating are more fire resistant and won't spread fire as quickly as materials in lower classes. This could help contain the fire and prevent it from rapidly spreading to other areas, and potentially reduce the risk of a fire becoming uncontrollable or causing extensive damage.