



COMPOSITE FENCE

Residential Fencing Solutions



PROUDLY ENGINEERED
& DESIGNED IN AMERICA

Iron World Manufacturing, LLC
www.ironworldfencing.com



[/iwmanufacturing/](https://www.instagram.com/iwmanufacturing/)



Composite Fencing - 20-Year Limited Warranty Coverage

Iron World Manufacturing, LLC warrants to the original purchaser that Iron World Composite Fence Products, when installed and maintained according to Iron World's written installation instructions, will be free from defects in materials and workmanship for twenty (20) years from the original date of purchase. Iron World may, at its sole discretion, repair, replace, or refund the original purchase price of any product determined to be defective.



What This Warranty Covers

Coverage includes manufacturing defects that cause rot, decay, structural deterioration, cracking, splitting, warping, delamination, or structural failure under normal use when properly installed.

Exclusions

This warranty does not cover improper installation, misuse, abuse, accidents, Acts of God, vandalism, vehicle impact, ground movement, erosion, chemicals, modifications, saltwater-related cosmetic deterioration, normal wear and tear, scratches, fading, or other cosmetic conditions.

Maintenance Requirements

Inspect the fence annually, clean with mild soap and water, maintain proper drainage, remove debris, trim vegetation, and promptly repair accidental damage. Do not use harsh chemicals, pressure washers exceeding 1,500 PSI, unauthorized coatings, structural modifications, or attach excessive loads to the fence.

Definition of Structural Failure

Structural Failure means a manufacturing defect that prevents a structural component from performing its intended function under normal use. Cosmetic defects, seasonal movement, minor bowing, fading, scratches, installation errors, settling, frost heave, and impacts are not Structural Failures.

Normal Characteristics of Composite Materials

Composite fencing naturally experiences gradual color weathering, thermal expansion and contraction, slight shade and texture variation, temporary moisture marks, minor bowing within manufacturing tolerances, and normal dimensional variation. These conditions are expected and are not defects.

Warranty Claims

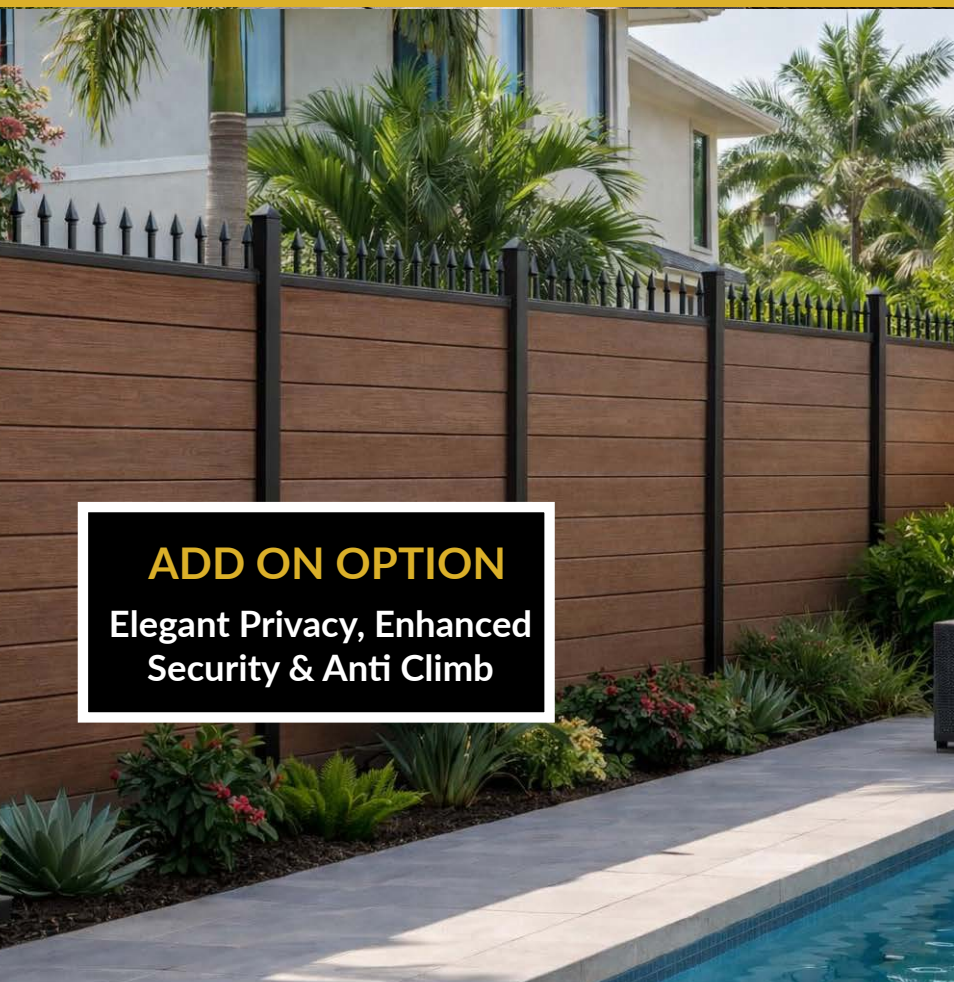
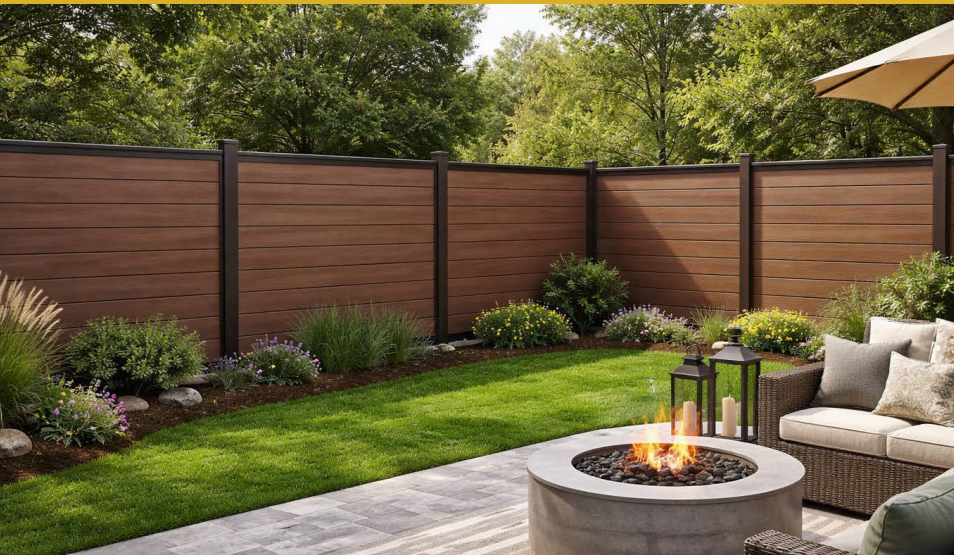
Claims must include proof of purchase, installation date, photographs of the alleged defect, and a written description. Claims should be submitted within thirty (30) days of discovery. Iron World reserves the right to inspect products before approving any claim.

Limitations of Liability

This warranty covers product only. Labor, freight, removal, reinstallation, equipment rental, project delays, incidental damages, consequential damages, and loss of use are excluded. This warranty applies only to the original purchaser unless otherwise approved in writing.

Disclaimer

THIS LIMITED WARRANTY IS THE SOLE WARRANTY PROVIDED BY IRON WORLD. ALL IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE DISCLAIMED TO THE MAXIMUM EXTENT PERMITTED BY LAW.



PANELS

PRODUCT OVERVIEW

- **Panel Width:** 6' Wide
- **Panel Type:** Privacy / Horizontal Board
- **Board Material:** Wood Plastic Composite
- **Board Size:** 6' (W) x 7/8" (T)
- **Color Options:** Slate Grey / Coffee
- **Posts:** In-Ground (96") / Surface-Mount (72" + Base Plate)

PANEL SIZE

6' Wide

COLOR OPTIONS

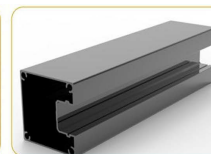
Slate Grey & Coffee

POSTS

72" Surface-Mount Post (w/Base Plate & Cover) | 96" In-Ground Post (Direct Burial) | 3" x 3" x 0.07"
Posts are aluminum



Line Post



End Post



Corner Post

INSTALLATION OPTIONS

- **In-Ground Post:** 96" (for concrete set)
- **Surface-Mount Post:** 72" + Base Plate
- **Recommended Panel Size:** 6'
- **Gate Frame:** Pre-Fabricated, ready to hang



Top/
Bottom Rail



Frame



Spacer

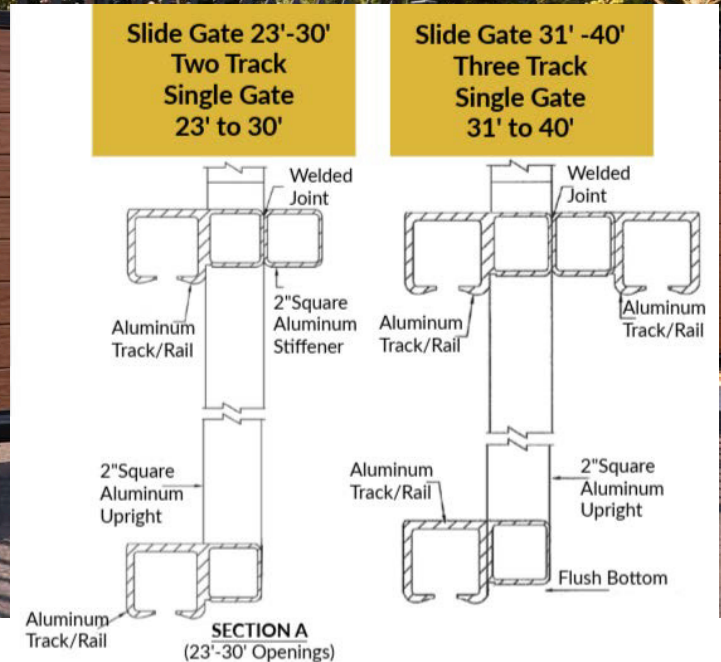
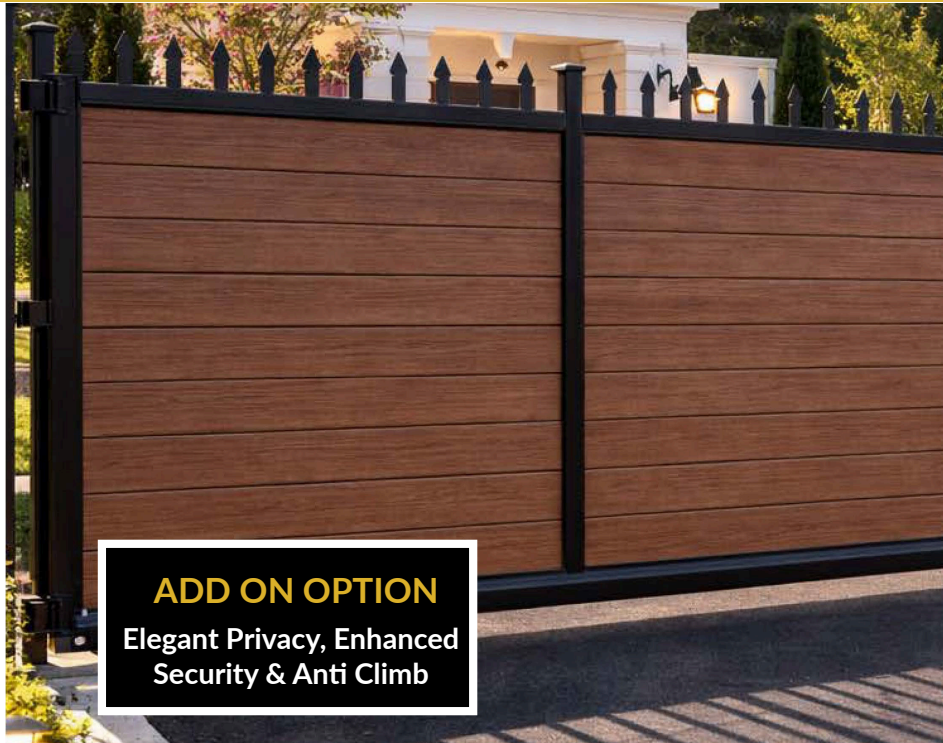


Bracket

ADD ON OPTION

Elegant Privacy, Enhanced
Security & Anti Climb

COMPOSITE SLIDE GATES



COMPOSITE SLIDE GATES

Composite slide gates combine the durability and low maintenance of composite fencing with the security and convenience of a sliding gate mechanism.

FEATURES OF COMPOSITE SLIDE GATE FENCES

Durable Materials: Made from a blend of wood fibers and plastic, composite slide gates are built to withstand the elements without warping and rotting.

Attractive Design: Offers a modern, sleek look that matches composite fencing panels, available in brown and gray to fit your property's aesthetic.

Smooth Sliding: Fitted with a heavy-duty metal frame, roller system, and track for smooth and effortless sliding operation.

Low Maintenance: Resistant to rot, insects, fading, and does not require painting or staining like wood gates.

BENEFITS OF COMPOSITE SLIDE GATE FENCES

Security: Provides a strong, secure barrier for driveways, property entrances, yard enhancing home security by deterring unwanted access.

Space Saving: Slides horizontally along a track and does not need swing space, making it ideal for properties with limited driveway space.

Long Lasting: Composite materials resist weathering, deformation, and pests, ensuring a gate that lasts for many years without significant wear.

Low Maintenance: Resistant to rot, insects, fading, and does not require painting or staining like wood gates

COMPOSITE SWING GATES



Composite swing gates combine the strength of metal framing with the durability and appearance of composite fencing. Designed to open on heavy-duty hinges, these gates are ideal for driveway entrances, residential properties, estates, and commercial facilities. Composite swing gates provide security, style, and long-lasting performance with minimal maintenance.

Features of Composite Swing Gates

Durable Composite Materials

Composite boards are made from a blend of wood fibers and recycled plastic, offering the natural appearance of wood while resisting rot, moisture, and insect damage.

Reinforced Metal Gate Frame

Composite swing gates are supported by a powder-coated aluminum or steel frame, ensuring strength and stability while preventing warping or sagging.

Heavy-Duty Hinges

Industrial-grade hinges allow the gate to swing smoothly inward or outward, providing reliable operation for residential or commercial use.

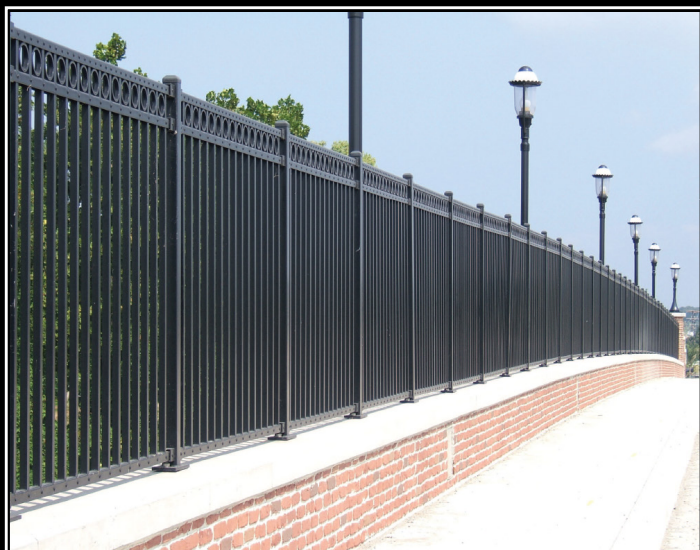
Raised Structural Posts

Gate posts are often installed slightly higher than the fence panels, adding structural support and creating a refined architectural detail.

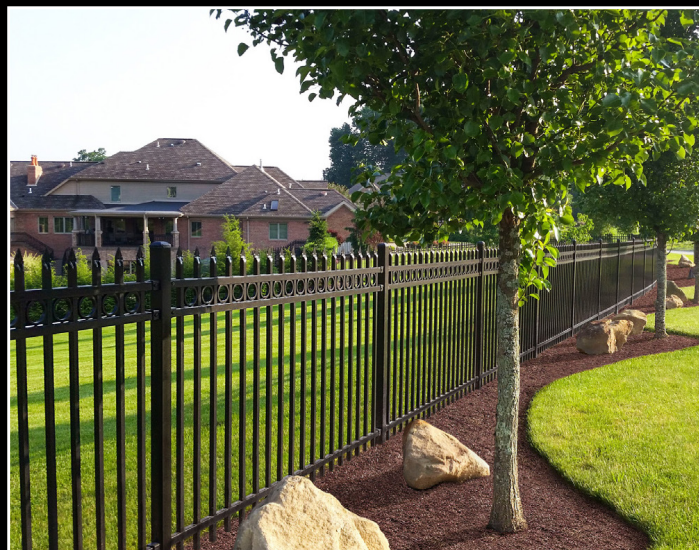
Low Maintenance

Composite materials are designed to resist fading, cracking, and weather damage, eliminating the need for staining or painting.

IRON WORLD MANUFACTURING FAMILY OF PRODUCTS



MAVERICK™
ORNAMENTAL IRON



MAVERICK™ SUPREME
STEEL FENCING



CHESAPEAKE BAY
VINYL FENCING



GOLDEN GATE™
CHAIN LINK & ORNAMENTAL SLIDE GATES

WHY UPGRADE TO WPC COMPOSITE COMPOSITE FENCE vs VINYL FENCE

A burn test was conducted using **one composite fence panel** and **one vinyl fence panel** to evaluate how each material reacts when exposed to direct flame.

VINYL FENCE PANEL RESULT



MATERIAL REACTION

- Vinyl quickly softened and melted/burnt



STRUCTURAL FAILURE

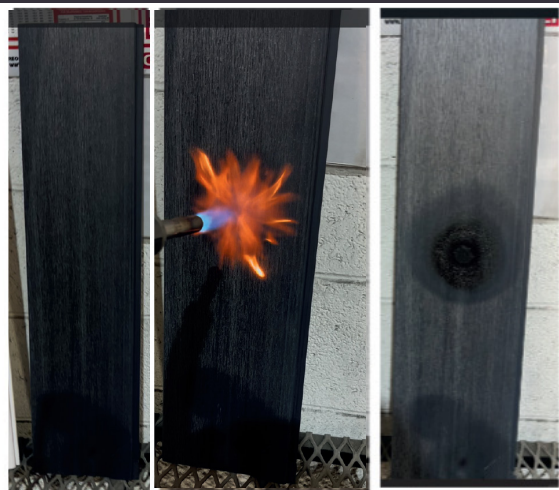
- Flame burned completely through the panel
- A large hole formed in the board



CONCLUSION

- Vinyl loses structural strength when exposed to heat

COMPOSITE FENCE PANEL RESULT



MATERIAL REACTION

- Composite did not melt



STRUCTURAL INTEGRITY

- The board remained intact
- No hole formed through the panel



CONCLUSION

- Composite maintained its structure under heat exposure

KEY TAKEAWAYS	Composite Fence	Vinyl Fence
✓ Durability	Excellent	Moderate
✓ Heat Resistance	High	Low
✓ Burn Through	No	Yes
✓ Structure Integrity	Maintained	Lost

WHY COMPOSITE FENCE IS THE BETTER CHOICE

- Stronger material
- Long lasting performance
- Maintains structure under stress
- More heat resistant
- Modern appearance

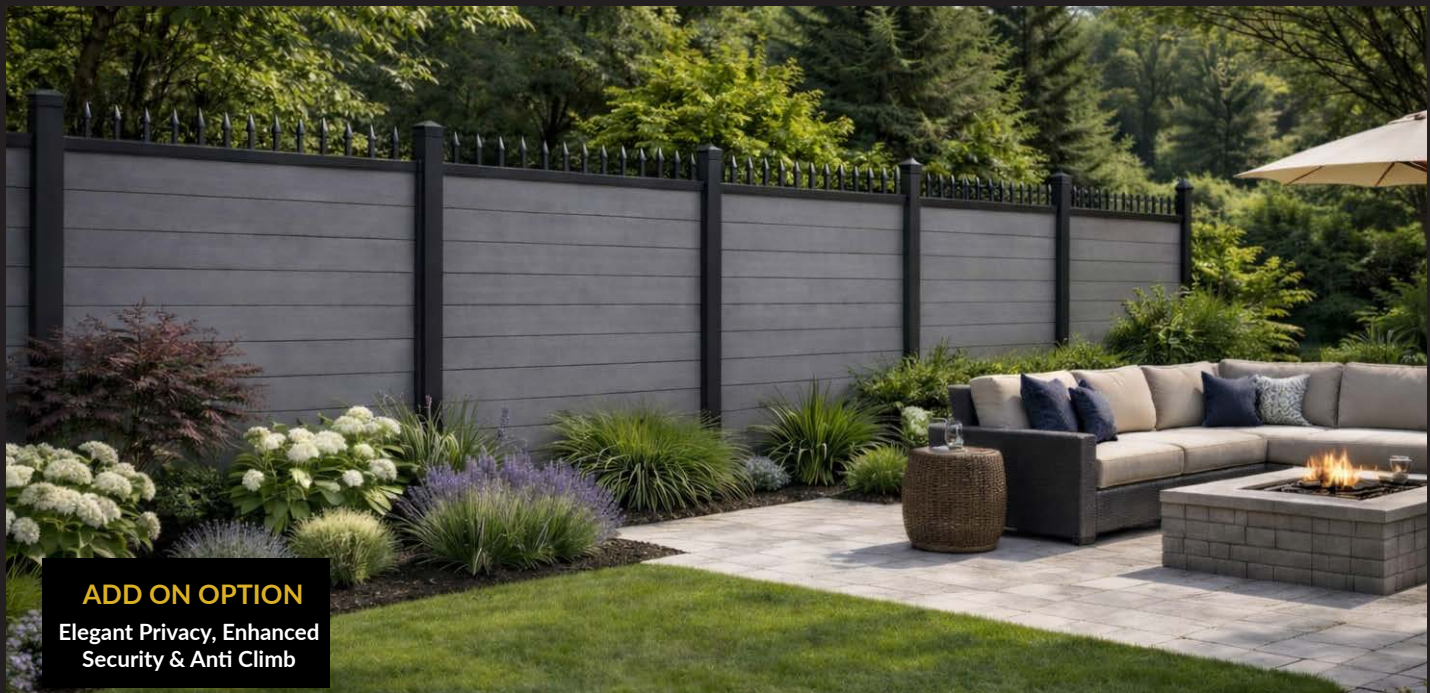
**Wind test reports upon request*

The Smart Long-Term Investment

ROT RESISTANT
COMPOSITE

CATEGORY 5
WIND LOAD

LOW
MAINTENANCE



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