



Fire Resilience Briefing for Legacy Homes & Estate Properties

Wildfire risk is growing across the West. For high-net-worth families and multigenerational estates, fire-resilient construction is not just a matter of safety—it's about asset protection, insurability, and long-term wealth preservation. Opus Vitae homes are built to quietly outperform in the moments that matter most.

1. Durable Fire-Rated Exterior Assemblies¹

- Faswall® mass wall system — 4-hour fire rating with zero flame spread
- Mineralized wood-concrete composite — resists ignition, mold, and deterioration
- Class A metal roofing over approved underlayment — maintains long-term ember resistance

2. Airtight Roof & Soffit Design²

- Unvented attics with continuous insulation — block ember pathways and heat transfer
- Enclosed eaves and metal roof-to-wall flashings — protect vulnerable junctions
- Together, these features — prevent stack effect-driven smoke spread

3. Fire-Resistant Windows, Doors & Vents³

- Triple-pane, thermally-broken assemblies with tempered glazing — resist radiant heat
- Fire-rated exterior doors and vent assemblies with <math><1/8\text{''}</math> mesh — prevent ember entry
- Combined assembly — eliminates common ignition points in wildfire-prone zones

4. Defensible Landscape Design⁴

- Non-combustible hardscaping within 5–30 ft of structure — disrupts direct fire spread
- Vegetation zoning and spatial buffers — reduce flame exposure and radiant heat risk

5. Verified Construction Documentation



- As-built drawings and system specs showing fire-rated assemblies — aid insurance underwriting
- Clear documentation — simplifies future renewal and valuation processes

Who We Are

Opus Vitae builds heirloom-quality homes grounded in building science, wellness, and long-term resilience. Our fire strategies are not an add-on—they're foundational.

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¹ <https://faswall.com/fire-resistant>

² <https://buildingscience.com/documents/digests/bsd-149-unvented-roof-assemblies-for-all-climates>

³ <https://www.westernstatesmetalroofing.com/blog/metal-roofing-fire-resistance>

⁴ <https://www.fire.ca.gov/programs/communications/defensible-space-prc-4291/>

 Vitadurra Standard White Paper

Fire Resilience: Building for a Future of Increasing Wildfire Risk