

Introducing OptimBoard™

Fire Performance Homeowners Can Trust



- **Class A Fire Performance & Noncombustibility**
WUI-focused sheathing that resists ignition, embers, and radiant heat — the main drivers of home loss in Southwestern wildfire events.
- **Ember, Heat, and Wind-Driven Exposure Resistant**



OptimBoard™ will not ignite, smoke, or delaminate, even in extreme desert wildfire conditions of high heat, low humidity, and wind-borne debris.

Carbon Sequestration From Forest to Facade



- **Made From Forest-Restoration Timber**
Derived from small-diameter thinning that reduces wildfire intensity and supports forest health.



- **Biogenic Carbon Storage**
Wood-wool stores atmospheric carbon captured during growth.
- **Mineral Carbon Stabilization**
The binder locks in and stabilizes that carbon for decades.
- **A Regenerative Material Story**
Each panel removes carbon and turns high-risk biomass into a climate-positive building material.

A Commitment to Resilient Design

OptimBoard™ combines noncombustible WUI performance with long-term carbon sequestration enabling architects to design fire-resilient, desert-adaptive homes that restore forests and reflect a deep respect for Southwestern landscapes.

FIRE-RESILIENT, DESERT READY HOMES

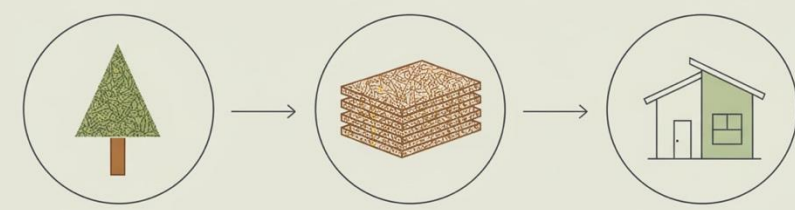
Noncombustible, Carbon-Storing Sheathing for Arizona Architecture



A New Material for Southwestern Homes Built With Purpose

In regions defined by wildfire risk and extreme desert conditions, OptimBoard™ offers a rare combination: noncombustible fire performance, architectural durability, and long-term carbon sequestration rooted in forest restoration

Each 2' x 8' x 2" OptimBoard™ panel locks in approx. 25 lbs of atmospheric CO₂e for decades



Forest Restoration Timber

Carbon Stored

Carbon Stabilized in Structure

Simple and Versatile

- Accepts stucco, lime plaster, mineral paints, wood siding (over rainscreen), and metal cladding
- Works with standard tools; fastened using screws + washers
- Integrates cleanly into standard framing workflows — no special crew training required

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