

EconiClay™ Architectural Surface System

California Submittal / Specification

Title 24 & Wildfire (WUI) Oriented Version

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(Title 24 & Wildfire-Oriented Version)

1. Product Description

EconiClay™ is a mineral-based architectural surface system manufactured from natural modified clay. It is engineered to support fire safety, sustainability, and long-term durability for interior and exterior wall applications in California residential and commercial projects, including those located in Wildland–Urban Interface (WUI) zones.

2. Material Composition

- Inorganic, mineral-based natural modified clay
- Non-combustible composition
- No added VOCs
- Free of combustible polymers and hazardous substances

3. Fire Performance & Wildfire Considerations

- Non-combustible material
- Designed to achieve Class A surface burning characteristics when tested in accordance with ASTM E84
- Mineral-based composition supports resistance to flame spread and ember ignition exposure
- Suitable for use in exterior wall assemblies in California wildfire-prone regions when installed as part of an approved system

4. California Title 24 – Energy & Sustainability Alignment

- Supports Title 24 energy efficiency objectives through durability and envelope performance contribution
- Lightweight construction reduces material usage and embodied energy
- Long service life reduces replacement frequency and lifecycle environmental impact

5. Sustainability & Environmental Performance

- 100% eco-friendly mineral-based material
- Extremely low embodied carbon footprint
- Long lifespan (up to 50 years) supporting California sustainability goals

6. Physical & Functional Performance

- Lightweight & flexible for flat and curved surfaces
- Direct installation system reducing labor and construction waste
- Water absorption typically 3–8%, supporting moisture resistance
- Seismic-friendly lightweight performance
- Textured surface provides slip resistance where applicable

7. Indoor Environmental Quality

- Inorganic composition with no added VOCs
- Supports healthier indoor air quality aligned with California standards

8. Durability & Maintenance

- Resistant to scratching, fading, and routine cleaning
- Low maintenance requirements
- Designed service life up to 50 years

9. Warranty

- 30-Year Limited Warranty when installed per manufacturer guidelines

10. Applicable Uses (California)

- Interior wall finishes
- Exterior wall cladding including WUI zones when part of approved assemblies
- Residential, multifamily, commercial, hospitality, and mixed-use developments

11. California Compliance Statement

EconiClay™ is a mineral-based, non-combustible architectural surface designed to achieve Class A surface burning characteristics in accordance with ASTM E84. The product supports California Title 24 energy and sustainability objectives and may be incorporated into exterior wall assemblies for wildfire-prone regions when used as part of an approved, code-compliant system.