



FIRE-RESISTANT CLADDING: TECHNICAL BULLETIN



STUCCO CLADDING: A HIGHLY EFFECTIVE, NON-COMBUSTIBLE FIRE-RESISTANT SYSTEM

STUCCO APPLICATION SYSTEMS

THREE-COAT STUCCO (7/8"):
Strongest, durable, excellent for fire resistance.

ONE-COAT STUCCO (3/8"-1/2"):
Faster install, maintains good fire resistance.

DIRECT-APPLIED SYSTEMS:
Use over non-combustible substrates; less mass, more substrate-dependent.

COMPARISON OF CLADDING TYPES

Cladding Type	Combustibility	Fire Resistance	Flame Spread	Notes
Stucco	Non-Combustible	1 Hour + (ASTM E119)	0 (ASTM E84)	With proper system & substrate
Vinyl Siding	Highly Combustible	Minimal	High	Melts, ignites easily
Wood Siding	Combustible	Minimal	Very High	Retardant-treated option exist
Brick	Non-Combustible	1-4 Hours	0	Excellent, heavy
Cement Board Siding	Non-Combustible	1 Hour +	0-25	Widely accepted



ASTM STANDARDS

- ✓ ASTM E119 (Fire-resistance)
- ✓ ASTM E84 (Flame Spread)
- ✓ ASTM C1063 (Installation of Lath / Accessories)
- ✓ ASTM C1861 (Accessories)

FULL SYSTEM SOLUTION

- ✓ Welded Wire Laths
Structalath, Twin Trac, Mega Lath
- ✓ V-Truss Walls & Ceilings Soffit Lath
- ✓ Fire-rated corners and accessories

2025 WILDFIRE PREPARED HOME™ SUMMARY OF CHANGES

3.1.4 EXTERIOR WALL COVERING/CLADDING

- Removed ignition-resistant covering/cladding for ease of evaluation and research from IBHS.
- In addition to having the bottom 6-inches of exterior walls made of noncombustible material as required for the Base level, all exterior wall covering shall be made of a noncombustible material (e.g., metal, fiber-cement, masonry veneer, stucco, brick, concrete).
- Where provided, all shutters (e.g., decorative and operable) shall be made of noncombustible material.

Note: Combustible and ignition-resistant wall cover material (e.g., wood shake, wood shingle, or any other wood siding material including ignition-resistant treatments and coatings) by construction or assembly are not permitted.