



HIGH-TEMP & FIRE-RESISTANT
SELF-ADHERED UNDERLAYMENT

CERTIFIED FOR TILE ROOFS IN CALIFORNIA WUI ZONES

Roofing underlayment is the first line of defense against embers that can ignite roof decks through small gaps between tiles. Titanium® FR self-adhered underlayment is designed to help protect homes with an innovative single-layer design that streamlines installation and simplifies code compliance for tile roofs in California’s WUI zones.



Class A
Fire
Resistance*



Heat
Resistance
Up to 240°F



Up to
4 Times
Stronger**



Exclusive
Sure-Foot®
Dimensional Mesh

TITANIUM® FR SELF-ADHERED UNDERLAYMENT VS TRADITIONAL CAP SHEET & FELT SYSTEM



Simplified, Single-Layer Application

Eliminates the need for a separate base sheet and cap sheet with a single-layer installation.

Enhanced Installation

Self-adhered underlayment applies quickly while preserving the seal on the roof deck.

Material and Labor Savings

One-layer protection is designed to reduce material and labor costs, achieving compliance more efficiently than multi-ply systems.

Single Layer of FR Underlayment

Multi-Layer Process

Requires the installation of a base sheet plus a cap sheet, adding time, and labor to each job.

Complex Installation

Mechanical fastening adds time and creates thousands of small penetrations in the roof deck.

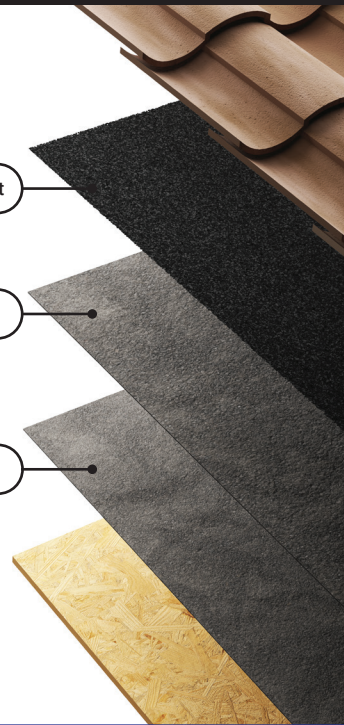
Longer Timeline, Higher Expense

Multi-step application, specialized equipment and additional labor extend project timelines and increase costs.

72 lb. Cap Sheet

Felt Layer #2 (Optional)

Felt Layer #1



STREAMLINE CODE COMPLIANCE FOR TILE ROOFS

California building code requires Class A fire resistance for steep slope roofing in WUI zones. Titanium® FR meets this requirement with a high-performance, single-layer solution that replaces traditional multi-layer cap sheets.

Our proprietary technology is designed to mitigate fire spread to the roof deck on tile roof systems. Titanium® FR also enhances jobsite safety with its Sure-Foot® technology for improved walkability. Plus, it can be easily repositioned and is backed by a Lifetime Limited Warranty.¹

TOUGH. TESTED. TITANIUM.®

For more information on Titanium® FR self-adhered underlayment, visit ChooseTitanium.com

TITANIUM[®] FR

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SELF-ADHERED UNDERLAYMENT

ROLL SPECS, TEST STANDARDS, AND CODE APPROVALS

TITANIUM[®] FR ROLL SPECS

LENGTH PER ROLL 50' / 15.2 M

WIDTH PER ROLL 36" / 91.4 CM

WEIGHT PER ROLL 80 LBS / 36.3 KG

ROLL SIZE 1.5 SQ / 13.94 M²

TITANIUM[®] FR TEST STANDARDS AND CODE APPROVALS*

ASTM E108 CLASS A FIRE RESISTANCE[†]

PERMEABILITY ASTM E96

TEAR STRENGTH ASTM D1970

TENSILE STRENGTH ASTM D1970

WEIGHT PER SQUARE ASTM D5261

NAIL SEALABILITY ASTM D1970

NOMINAL THICKNESS ASTM D5147

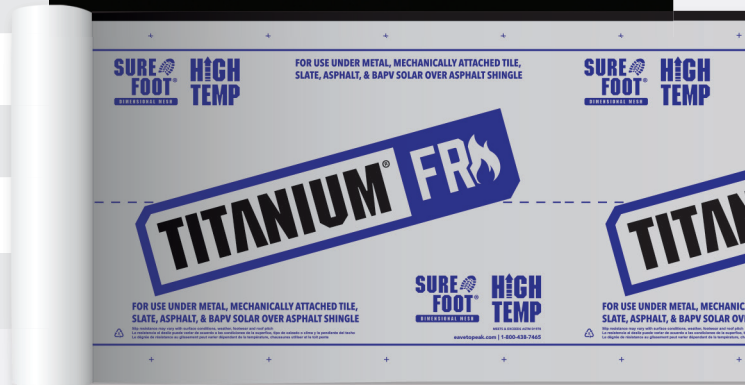
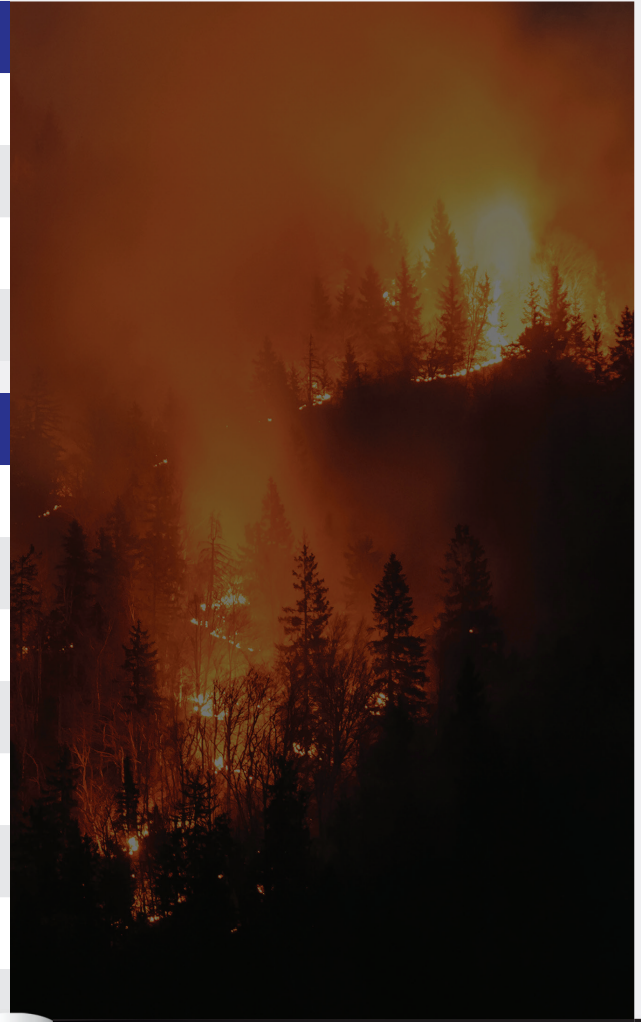
THERMAL STABILITY ASTM D1970

LOW TEMP FLEXIBILITY ASTM D1970

ADHESION TO PLYWOOD ASTM D1970

CODE COMPLIANCE RESEARCH REPORT CCRR-1024

CALFIRE BML LISTING NO.: 8180-2372:0001



- * Meets or exceeds all below tests and standards.
- † See installation instructions for specific Class A Fire Resistant roofing assemblies.
- ‡ Compared to premium underlayments from competitive self-adhered brands (Owens Corning testing, 2024).
- 1 See actual warranty for complete details, limitations, and requirements.

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INSTALLATION INSTRUCTIONS
Scan the QR code or visit
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