

## INSTALLATION INSTRUCTIONS

Titanium® X30 Synthetic Underlayment is a water and vapor barrier and therefore must be installed above a properly ventilated space(s). Follow all building codes applicable to your geographic region and structure type as it is considered a vapor barrier.

Always follow safe roofing practices and OSHA safety requirements. Always wear and use fall protection devices when working on roofs. Use caution when walking or standing on Titanium® X30 in wet or dusty conditions that may reduce traction. Failure to use proper safety equipment and footwear can result in serious injury.

### DECK PREP:

Titanium® X30 should be applied to a properly prepared dry deck that is smooth, clean and free from any depressions, projections or protruding nails. Acceptable roof deck materials are minimum 6 inch roof deck boards, minimum 3/8 inch plywood, minimum 7/16 inch OSB, sheathing spaced minimum 1/8 inch and maximum 1/4 inch. Roof decks should be structurally sound and meet or exceed minimum requirements of the roof deck manufacturer and local building codes.

### USE:

Titanium® X30 must be covered by primary roofing within 180 days of application. Titanium® X30 is designed for use under asphalt, metal, tile, composite shingles and cedar shakes.

### TILE ROOF APPLICATION:

- Titanium® X30 must be anchored on every printed position on the facer with 1" plastic or metal cap smooth or ring shank roofing nails.
- The use of loading and installation battens prior to tile loading is required for Titanium® X30.
- Titanium® X30 is not approved for foam set adhesive tile application.

### APPLICATION:

Slopes from 4:12 and greater: Titanium® X30 is to be laid out horizontally (parallel) to the eaves with the printed side up. Horizontal laps should be 3 inches and vertical laps should be 6 inches and anchored approximately 1 inch from the edge. End laps in succeeding courses should be located at least 6 feet from the laps in the preceding course. Where the roof meets a wall, extend Titanium® X30 a minimum 4 inches up the wall.

Slopes 2:12 to less than 4:12: Cover the deck with 2 layers of Titanium® X30. Begin by fastening a 21-inch wide strip of Titanium® X30 along the eaves with the minimal fasteners needed to hold the course in place. Place a full-width sheet over the 21-inch course and overlap each successive course by 50% plus 1 inch. Additional fasteners may be required in high-wind regions per local building codes. Vertical lap requirements are the same as 4:12 and greater slopes. Titanium® X30 is not recommended for use on slopes less than 2:12 or on vertical surfaces such as walls.

### FASTENERS:

4:12 to 12:12 for exposure up to three days: When excessive wind and rain is not expected, Titanium® X30 can be anchored with a minimum 3/8 in crown staples, cap staples or corrosive resistant 3/8 inch diameter head x 1 inch long roofing nails (ring shank preferred, smooth shank acceptable), when covered with primary roofing within three days. Fasteners must be placed in the laps of the material and not in the field of the product. Roof pitches less than 4:12 need to be installed with cap nails.

If Titanium® X30 will not be covered within three days and up to 180 days, then product must be attached to the roof deck using a minimum 1-inch diameter plastic or metal cap nails (ring shank preferred, smooth leg acceptable). Miami-Dade approved tin tags/metal caps are also acceptable. For extended exposure, it is required that Titanium® X30 be anchored every 6 inches in the overlaps, and every 12 inches in the field. Consult local building codes for fastener type and spacing requirements.

### TITANIUM® Synthetic Roofing Underlayment

Charleston, SC • Mission, BC • Montréal, QC  
Email: [answers@owenscorning.com](mailto:answers@owenscorning.com)  
Toll Free: 800.567.9727 [eavetopeak.com](http://eavetopeak.com)

<sup>†</sup> Titanium brand products are manufactured in accordance with national standards which allow for non-critical variances in weights and measurements. Test data is based on an average taken over several production runs and should not be considered or interpreted as maximum or minimum values. Values are typical data and not limiting specifications. All values ± 10%.

<sup>1</sup> Results from Seattle 2019 contractor evaluation.

<sup>2</sup> Based on per square weight of 1 (5 sq) roll of Titanium® X30 to 1 (4.5 sq) roll of SafeGuard30 and 1 (4.5 sq) roll Apoc CX-L Crossover® underlayments.

<sup>\*</sup> **Lifetime Limited Warranty** - This product contains a lifetime limited warranty (for as long as you own the building). See [www.eavetopeak.com](http://www.eavetopeak.com) for complete coverage and restrictions.

# TITANIUM® X30

PREMIUM SYNTHETIC ROOFING UNDERLAYMENT



WITH **COMFORT GRIP™**  
TECHNOLOGY

PREFECT FOR USE UNDER:

ASPHALT SHINGLES,  
RESIDENTIAL METAL,  
TILE, SHAKE &  
COMPOSITE SHINGLES



# BETTER WALKING SAFER WORKING

ANY JOB. ANY WEATHER. ANY CONDITION.

The advanced technology of Titanium® X30 synthetic underlayment combines all-weather ease and exceptional walkability with strength and durability that other brands can't match.

Featuring Comfort Grip Technology, Titanium® X30 is engineered to provide superior cushion and traction under the foot and anti-slip grip to the deck, for more control and grip without sacrificing performance in all weather conditions. Our Stay Put Promise means Titanium® X30 delivers maximum contact underfoot compared to other underlayments, for more secure footing—even under wet, dirty and steep conditions.

Smart-sized rolls cover more and weigh less than hybrid products, in a width that's easier to handle and fasten than traditional synthetics. It's a product proven to perform under wet, hot and cold conditions, made by a brand that's been known and trusted by the roofing industry for decades.

For a better walking experience, a safer working experience and lasting performance under most any standard roof covering, don't settle for anything less than Titanium® X30 underlayment.

## SAMPLE HERE

- Up to 180 days UV exposure rating
- All temperature performance -40°F to 240°F
- Synthetic construction inert to mold growth
- Cool gray surface, doesn't expand or contract
- Dual logo custom printing available
- CCRR-0381
- Meets and exceeds ASTM D226 Types I & II
- Meets ASTM D8257
- Class A Fire ASTM E108 (under asphalt shingles)
- Florida Product Approval
- Miami-Dade Product Approval

## TITANIUM® X30 ROLL SPECS

|                   |                          |
|-------------------|--------------------------|
| LENGTH PER ROLL:  | 143' / 43.6 m            |
| WIDTH PER ROLL:   | 42" / 1.1 m              |
| WEIGHT PER ROLL:  | 26 lbs / 11.8 kg         |
| ROLL SIZE:        | 5 sq / 93 m <sup>2</sup> |
| ROLLS PER PALLET: | 30                       |
| PALLET WEIGHT:    | 835 lbs / 379 kg         |
| THICKNESS:        | 30 mil                   |

## TITANIUM® X30 TECHNICAL DATA

| STANDARD†                 | TEST METHOD             |
|---------------------------|-------------------------|
| BREAKING STRENGTH         | ASTM D146               |
| PLIABILITY                | ASTM D146               |
| LOSS OF HEATING           | ASTM D146               |
| UNROLLING                 | ASTM D226 / ASTM D8257  |
| LIQUID WATER TRANSMISSION | ASTM D4869 / ASTM D8257 |
| TEAR RESISTANCE           | ASTM D4073              |
| DIMENSIONAL STABILITY     | ASTM F1087              |
| PLIABILITY                | CSA A123.3              |
| MOISTURE VAPOR PERMEANCE  | ASTM E96                |
| BURST STRENGTH            | ASTM D75                |
| CLASS A FIRE RESISTANCE** | ASTM E108               |

\*\* Under asphalt shingles.



## WALKING EXPERIENCE

- Comfort Grip™ Technology delivers superior cushion and traction for a more comfortable walking experience.
- Contractor Preferred - **4 out of 5** contractors prefer Titanium™ X30 with Comfort Grip™ Technology<sup>1</sup>
- Stay Put Promise provides maximum secure footing.



## EASY INSTALLATION

- Half the weight. All the strength. Up to **2X<sup>2</sup>** lighter than competitive underlayments
- Smart sized rolls. Easy-to-handle 42" wide, 5 square rolls provide **11%** more coverage per roll than hybrid underlayments, and easier to fasten than standard size synthetics
- Visible guidelines. Built in shingle lines for faster installation



## ALL WEATHER DURABILITY

- Repels water. Resists damage. Thick, durable construction creates a water-shedding barrier that stands up to use and abuse during installation
- Performs in hot and cold. Withstands high temperatures and maintains flexibility in cold weather
- More grip in all conditions. Unique construction provides maximum contact underfoot compared to other underlayments, for more control and grip in all weather conditions