

TITANIUM® X30

PREMIUM SYNTHETIC ROOFING UNDERLAYMENT

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 placed 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 30 days of application. Titanium® X30 is designed for use under asphalt, metal, composite shingles and cedar shakes.

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 1/2 inches. 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 of 1 day: Provided there is no rain or high winds, Titanium® X30 can be anchored with a minimum 3/8 inch 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 on the same day.

If Titanium® X30 will not be covered on the same day and up to 30 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 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%.

¹ Results from Seattle 2019 contractor evaluation.

² 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.

* Lifetime Limited Warranty - This product contains a lifetime limited warranty (for as long as you own the building). See www.eavetopeak.com for complete coverage and restrictions.