

# TITANIUM® UDL 30

## SYNTHETIC ROOFING UNDERLAYMENT

### INSTALLATION INSTRUCTIONS

TITANIUM® UDL-30 is an air, water and vapor barrier. It must be installed above properly ventilated spaces (follow ALL building codes applicable to your geographical regions and structure type) as it is considered a vapor barrier (.06 perms). The use of a rosin paper slip-sheet is not required underneath metal roofing systems. Protrusions from the deck area must be removed and decks shall have no voids, damaged or unsupported areas. The use of straight edge cutting knives is recommended.

TITANIUM® UDL-30 is laid out horizontally (parallel) to the eave with the printed side up, and with the 4 inch (101mm) horizontal laps and 6 inch (152mm) vertical laps. Follow the codes for low slopes as defined as 2:12 to 4:12 and steep slopes greater than 4:12 applications.

**Fasteners:** If leaving TITANIUM® UDL-30 exposed longer than 5 days product must be attached to the structural roof deck material using a minimum 1" (25mm) diameter plastic or metal cap with either ring shank nails (preferred) or smooth leg nails (acceptable). Miami Dade approved tin tags/metal caps acceptable with the rough edge facing up. If product is going to be covered with asphalt shingles or metal roofing panels within 5 days TITANIUM UDL-30 can be installed with the use of corrosive resistant 3/8" head x 1" minimum length leg roofing nail (ring shank nail leg is recommended).

**DO NOT USE STAPLES:** use of staples to penetrate TITANIUM® UDL-30 will void warranty. Anchoring to be installed at a minimum as per surface markings, spaced 6" (15cm) on center in the vertical and horizontal laps, and at 12" (30cm) on center along the center of the roll in the field as marked. If the application of UDL and the final roofing material occur on the same day, then the option to use every other printed anchoring placement is acceptable.

All anchoring devices must be flush, 90 degrees to the roof deck, tight with the underlayment surface and the structural roof deck. For extended exposure (months) and or high wind, double the lap widths as a minimum. Alternatively: fold the overlay laps forming a "J" channel configuration before nailing; using a compatible sealant between the laps, or using a peel and stick tape is highly recommended. See our website for more details.

For batten secured installations, use only adequate length ring shank nails or screws (preferred), smooth leg nails (acceptable) to secure battens to the structural roof deck material. The use of cap nails is only required to secure TITANIUM® UDL-30 and prevent blow-off until the batten system is installed. Do not install battens directly over any cap nails. If this occurs, remove cap nail, patch the hole, then install cap outside batten field and continue.

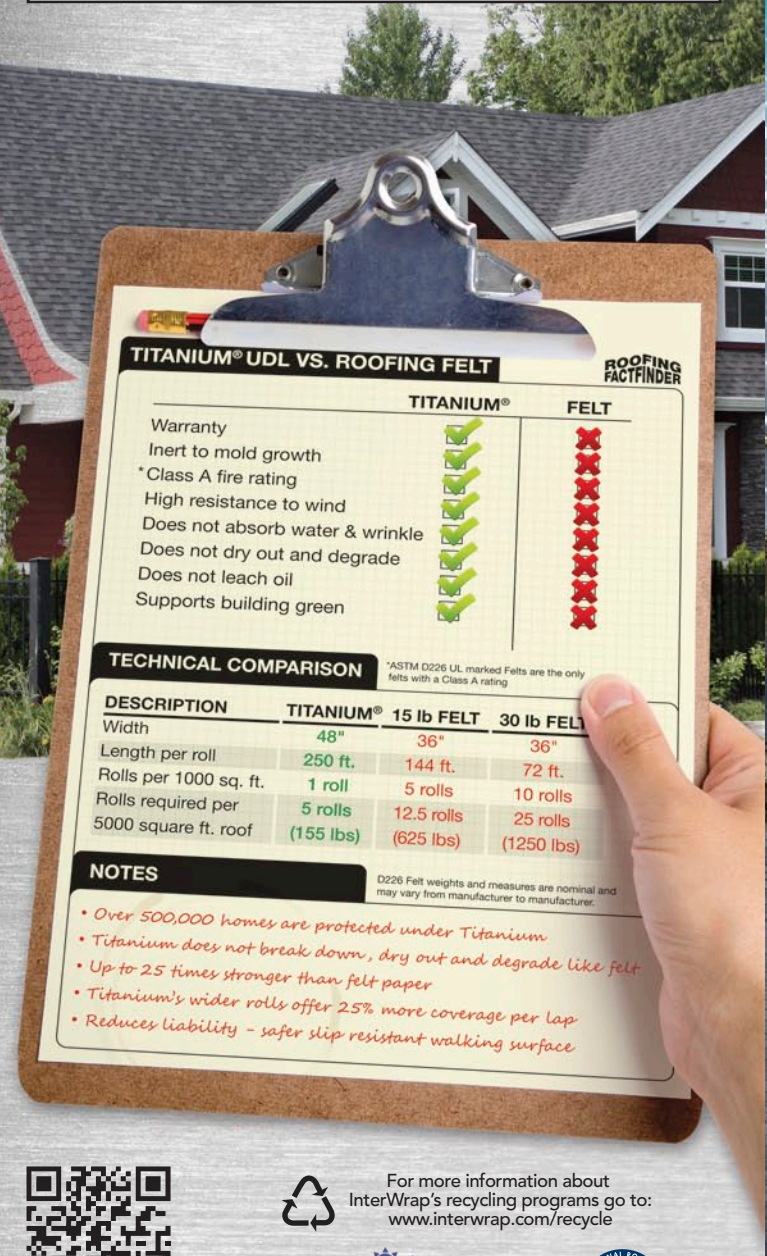
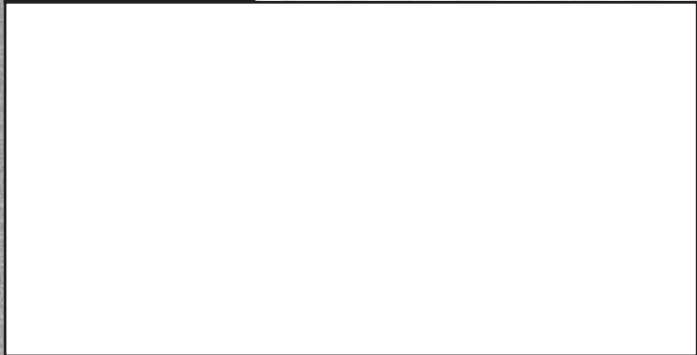
Where seams and joints require sealant or adhesive, use a high quality, low solvent asbestos free, plastic roofing cement meeting ASTM D-4586 Type 1 (Asbestos Free) Federal Spec SS-153 Type 1 (Asbestos Free) such as Karnak, Henry, DAP, MB, Geocel or equivalent. Acceptable alternatives are butyl rubber, urethane, and EDPM based caulk or tape sealant. Depending on roof pitch and surface conditions, blocking may be required to support materials on the roof.

TITANIUM® UDL-30 is not designed for indefinite outdoor exposure. Final roofing should be installed within 6 months.

### CAUTION - READ GOOD SAFETY PRACTICES BELOW

As with any roofing product, always follow safe roofing codes & practices (OSHA) and always use and wear fall protection devices when working on roofs. Use caution when walking or standing on TITANIUM® UDL-30 as wet and/or dusty conditions may reduce traction. Failure to use proper safety gear and footwear can result in serious injury.

Distributed by:



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### PREMIUM LEAK PROTECTION

### PROFESSIONAL GRADE



STRONGER LIGHTER FASTER SAFER GREENER



For more information about InterWrap's recycling programs go to: [www.interwrap.com/recycle](http://www.interwrap.com/recycle)





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## SYNTHETIC ROOFING UNDERLAYMENT

**AIR, WATER & VAPOR BARRIER  
FOR USE UNDER ALL: METAL, TILE, SLATE, SHAKE  
& SHINGLE ROOFING**

TITANIUM® UDL-30 is a highly engineered, mechanically attached, coated woven synthetic roofing underlayment for sloped roofs. TITANIUM® UDL-30 represents the future in felt replacement technology, and used in conjunction with TITANIUM® PSU-30 self adhered underlayment, offers the sloped roofing industry a truly revolutionary system of safety, security and simplicity... Two products (UDL-30 & PSU-30) are ALL your roof needs.

TITANIUM® UDL-30's advanced polymers combine to deliver a uniquely gray synthetic roofing underlayment that can be used under all types of primary roofing materials to replace felt. Gray technology provides for a cooler roof and one of the best UV exposure properties (up to 6 months) in the marketplace. Unlike smooth surfaced underlayments, TITANIUM® UDL-30 possesses a revolutionary patented slip resistant SURE-FOOT™ nodular walking surface technology that allows for easier steep slope walk-ability, even in wet conditions.

Gone are the days of blow-offs and call backs. A 10 square roll weighs only 40 lbs! This super low weight combined with 48" width and 250 ft. run length means big savings in time and labor (over 30% faster to install than felt!). Fewer laps, cuts and roll handling means you can do more jobs in less time. Inventory fewer rolls and gain an edge in productivity and profits.

TITANIUM® UDL-30 is 100% synthetic, therefore totally unaffected by water, which means it is 100% mold free, lays flat, will not wrinkle and you can leave your roof uncovered without the need for tarps or immediate dry-in. Unlike felts, TITANIUM® UDL-30 does not dry out, leach oils in the heat, nor does it become stiff, difficult to roll or crack in the cold.

The unique features of TITANIUM® UDL-30 combined with exceptional tear strength and up to 6 months exposure time allows your job to stay on track through all kinds of wind and weather. Less material damage and waste during installation and fewer post-install repairs result in significant savings in time and money. TITANIUM® UDL-30 will continue to protect your high cost, long life rated primary roofing long after felt has turned to dust!



weaving a better world™

Turn your next roofing job into a  
**MASSIVE BILLBOARD!**  
Print your logo here



**DUAL LOGO**

**Custom Printing Available!**

- 6 times lighter and 20 times stronger than #30 felt
- 30 year limited warranty (See website for warranty details)
- Class A Fire ASTM E108, Meets & exceeds ASTM D226
- Synthetic construction inert to mold growth
- Patented SURE-FOOT™ slip resistant nodular walking surface and an advanced resin technology that provide superior steep slope walk-ability
- Contributes to LEED® points
- Certified minimum of 20% reclaimed content (100% Recyclable)
- All temperature performance -40°F to 240°F (-40°C to 115°C)
- 6 month UV exposure
- Cool light gray surface, doesn't expand or contract



### TITANIUM® UDL-30 | SPECS

LENGTH PER ROLL:	250' / 76.2 m
WIDTH PER ROLL:	48" / 122 cm
WEIGHT PER ROLL:	40 lbs / 18.2 kg
ROLL SIZE:	10 sq / 93 m <sup>2</sup>
ROLLS PER PALLET:	30
PALLET WEIGHT:	1250 lbs / 567 kg

MIAMI-DADE COUNTY APPROVED



CLASS A  
ASTM E108  
ASTM D226  
FIBERGLASS  
SHINGLES  
FBC #1468  
CAN/CSA A220.1

Intertek

This product is manufactured in accordance with national standards which allow for non-critical variances in weights and measures.

### TITANIUM® UDL-30 | TECHNICAL DATA

TEST & STANDARD	TITANIUM® UDL-30 TYPICAL VALUE	ASTM #30 FELT TYPICAL VALUE
Class A Fire ASTM E108	Pass	N/A
Nail Sealability Modified ASTM D1970	Pass	N/A
Permeability ASTM E96	0.06 perms	.05 perms
Water Transmission ASTM D4869	Pass	Pass
Tear Strength ASTM D4533	MD 44 lbs (20 kg) CD 40 lbs (18 kg)	MD 4 lbs (1.8 kg)   CD 2 lbs (0.9 kg)
Tensile Strength ASTM D751	MD 143 lbs (65 kg) CD 110 lbs (50 kg)	MD 70 lbs (32 kg)   CD 38 lbs (17 kg)
Burst Strength ASTM D751	250 psi (1720 kPa)	62 psi (430 kPa)
Elongation ASTM D751	MD 18 % CD 18 %	MD 2% CD 2%
Weight per Square ASTM D5261	4.0 lbs (1.82 kg)	27.5 lbs ( 12.5 kgs)
Minimum Thickness ASTM D1777	25 mils (0.63 mm)	60 mils (1.5 mm)

Test data is based on average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications. All values ± 10 %



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