

TITANIUM® UDL 25 PLUS

SYNTHETIC ROOFING UNDERLAYMENT

AIR, WATER & VAPOR BARRIER
FOR USE UNDER: METAL, SHAKE & SHINGLE ROOFING

Titanium® UDL25 Plus is a highly engineered, mechanically attached, coated woven synthetic roofing underlayment for sloped roofs. UDL25 represents the future in 30 lb felt replacement technology, and used in conjunction with PSU30 self adhered underlayment for ice damming and valley areas, offers a truly revolutionary system of safety, security and simplicity... Two products (UDL25 & PSU30) are ALL your sloped roof needs.

UDL25's advanced polymers combine to deliver a unique gray synthetic roofing underlayment that can be used under primary roofing materials to replace 30 lb felt. Gray technology provides for a cooler working surface during installations and up to a 6 month UV exposure. Unlike smooth surfaced underlayments, UDL25 has a unique ridged Sure-Grip® walking surface plus our new Diamond-Plate slip resistant coating technology that allows for easier steep slope walk-ability, even when wet.

UDL25 is 20 times stronger than 30 lb felt, gone are the days of blow-offs and call backs! A 10 square roll weighs only 31 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.

UDL25 is 100% synthetic and therefore totally unaffected by water. This means it is 100% inert to mold, lays flat, and will not absorb water and wrinkle like felt. Roofers can leave their roof uncovered without the need for tarps or immediate dry-in. Furthermore, unlike oil saturated felt, UDL25 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 UDL25 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.

UDL25 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



Custom Printing Available!

- 8 times lighter and 20 times stronger than 30 lb felt
- 30 Year limited warranty (See website for warranty details)
- Class A Fire ASTM E108, Meets & exceeds ASTM D226
- Meets Class 4 Hail Rating
- Synthetic construction inert to mold growth
- Sure-Grip® ridged walking surface plus our Diamond-Plate slip resistant coating technology!
- 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 gray surface, doesn't expand or contract
- Dual logo custom printing available



TITANIUM® UDL25 PLUS | SPECS

LENGTH PER ROLL:	250' / 76.2 m
WIDTH PER ROLL:	48" / 122 cm
WEIGHT PER ROLL:	31 lbs / 14 kg
ROLL SIZE:	10 sq / 93 m ²
ROLLS PER PALLET:	42
PALLET WEIGHT:	1352 lbs / 613 kg



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

TITANIUM® UDL25 PLUS | TECHNICAL DATA

TEST & STANDARD	TITANIUM UDL25 PLUS 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	.06 perms	1.75 perms
Water Transmission ASTM D4869	Pass	Pass
Tear Strength ASTM D4533	MD 40 lbs (18 kg) CD 35 lbs (17 kg)	MD 4 lbs (1.8 kg) CD 2 lbs (0.9 kg)
Tensile Strength ASTM D751	MD 154 lbs (70 kg) CD 110 lbs (50 kg)	MD 70 lbs (32 kg) CD 38 lbs (17 kg)
Burst Strength ASTM D751	220 psi (1517 kPa)	62 psi (430 kPa)
Elongation ASTM D751	MD 18% CD 18%	MD 2% CD 2%
Weight per Square ASTM D5261	2.9 lbs (1.3 kgs)	27.5 lbs (12.5 kgs)
Minimum Thickness ASTM D1777	17 mils (0.43 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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Titanium brand products are manufactured in accordance with national standards which allow for non-critical variances in weights and measurements. © 2014 InterWrap. All rights reserved. * Recyclable where facilities exist. UDL25_18Mar2014

TITANIUM® UDL 25 PLUS

SYNTHETIC ROOFING UNDERLAYMENT

INSTALLATION INSTRUCTIONS

Titanium® UDL25 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. UDL25 is laid out horizontally (parallel) to the eave with the printed side up, and using 4" horizontal laps and 6" vertical laps. Follow building codes for low slopes as defined as 2:12 to 4:12 and steep slopes greater than 4:12 applications.

FASTENERS: If leaving UDL25 exposed longer than 5 days product must be attached to the structural roof deck material using a minimum 1" diameter plastic or metal caps 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 UDL25 can be installed with the use of corrosive resistant 3/8" head x 1" minimum length leg roofing nails (ring shank nail leg is recommended). **DO NOT USE STAPLES:** use of staples to penetrate UDL25 will void warranty.

Anchoring to be installed at a minimum as per surface markings printed on the product, spaced 6" on center in the vertical and horizontal laps, and at 12" along the center of the roll in the field. If underlayment will be covered by primary roofing within 5 days of application, and not subject to heavy traffic or high wind, then the option to use every other printed anchoring point in the center field 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: Use a compatible sealant between the laps; use a peel and stick tape between the laps; or fold the overlay laps forming a "J" channel configuration before nailing.

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 UDL25 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.

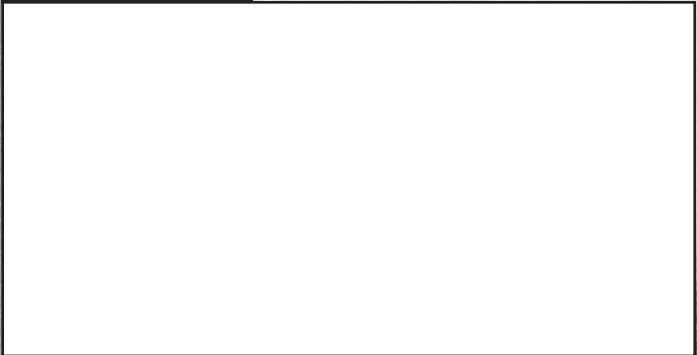
Where seams and joints require sealant or adhesive, use a high quality, low solvent asbestos free, plastic roofing cement meeting ASTM D-4586 Type 1 (Asbestos Free) Federal Spec SS-153 Type 1 (Asbestos Free) such as Karnak, Henry, DAP, MB, Geocel or equivalent. Acceptable alternatives are butyl rubber, 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.

UDL25 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 UDL25 as slip resistance may vary with surface conditions, weather, footwear and roof pitch. Failure to use proper safety gear and footwear can result in serious injury.

Distributed by:



TITANIUM® UDL VS. ROOFING FELT

	TITANIUM®	FELT
Warranty	✓	✗
Inert to mold growth	✓	✗
*Class A fire rating	✓	✗
High resistance to wind	✓	✗
Does not absorb water & wrinkle	✓	✗
Does not dry out and degrade	✓	✗
Does not leach oil	✓	✗
Supports building green	✓	✗

TECHNICAL COMPARISON

DESCRIPTION	UDL-25	15 lb FELT	30 lb FELT
Width	48"	36"	36"
Length per roll	250 ft.	144 ft.	72 ft.
Rolls per 1000 sq. ft.	1 roll	3 rolls	5 rolls
Rolls required per 5000 square ft. roof	5 rolls (155 lbs)	12 rolls (600 lbs)	24 rolls (1200 lbs)

*ASTM D226 UL marked Felts are the only felts with a Class A rating

NOTES

- Over 500,000 homes are protected under Titanium
- Titanium does not break down, dry out and degrade like felt
- Up to 20 times stronger than 30 lb felt paper
- Titanium's wider rolls offer 33% more net coverage per lap
- Reduces liability - safer slip resistant walking surface

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**PREMIUM
LEAK PROTECTION**

VALUE & PERFORMANCE



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