



## TITANIUM UNDERLAYMENTS

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# TITANIUM® PSU 30

## SYNTHETIC ROOFING UNDERLAYMENT

Titanium® PSU30 is the only modified rubberized asphalt Peel & Stick underlayment with a patented slip resistant Sure-Foot® nodular walking surface technology that allows for easier steep slope walkability, even in wet or dusty conditions. PSU30 also features a crinkled silicon treated poly split release liner making removal quicker and easier than single sheet competitors.

PSU30 is specifically designed for waterproofing protection on 2:12 or greater sloped roof applications subject to the effects of ice damming and wind driven rain. Its rubberized asphalt adhesive offers a unique combination of both high temperature (240°F / 115°C) flow resistance, and low temperature (40°F / 4.4°C) deck adhesion. In addition PSU30 offers up to 6 months UV exposure rating. Unlike other brands with multiple roll offerings for different roof types, a single PSU30 product can be used under all types of primary roofing materials including; metal, tile, shake, slate, and both asphalt and synthetic shingles. Used in conjunction with Titanium UDL30 synthetic roofing underlayment, these 2 products (UDL30 & PSU30) offer the sloped roofing category a unique combination of safety, security and simplicity.

PSU30's unique cool gray surface technology does not expand or contract and provides for a cooler working surface during installations. It's tough, durable, coated woven synthetic facer and rubberized asphalt formulation is engineered to lay flat and not buckle or wrinkle when exposed to temperature and moisture fluctuations on the roof.

PSU30 is also a granular free surface. Loose granules can become a safety hazard, score the underneath of metal roofing systems, and track underneath footing causing damage to metal roofing systems including making them susceptible to premature corrosion. Granular surfaced membranes also deliver inferior seam overlap strengths and integrity; a critical issue for ice damming and wind driven rain protection.

For increased protection PSU30 provides a self sealing lap seal system which forms an impervious asphalt to asphalt bond at overlapping seams, delivering superior waterproofing protection.

Ensure you have the right product protecting your home. Titanium is backed by an industry leading Lifetime Limited Warranty – Titanium PSU30 will continue to provide a secondary layer of protection against leaks for your high quality, long life rated, primary roofing long after oil saturated felt products have turned to dust!



**“THE ONLY MODIFIED RUBBERIZED ASPHALT PEEL & STICK UNDERLAYMENT WITH A PATENTED SLIP RESISTANT SURE-FOOT® NODULAR WALKING SURFACE”**

Titanium PSU30 Roll Specifications		
Length per Roll:	72' / 22 m	
Width Per Roll:	36" / 0.914 m	
Weight Per Roll:	48 lbs / 21.8 kg	
Roll Size:	2 sq / 20 m <sup>2</sup>	
Rolls per Pallet:	25	
Pallet Weight:	1,300 lbs / 590 kg	

  

Titanium PSU30 Technical Data		
TEST & STANDARD†	TITANIUM PSU30 TYPICAL VALUE	
Colour	Gray	
Surface	Synthetic Polymer - Patented Sure-Foot® slip resistant nodular	
Release Liner	Silicone treated, poly split release	
Weight Per Square	24 lbs / (10.8 kg)	
Nail Sealability	ASTM D1970	Pass
Permeability	ASTM E96	0.0336
Nominal Thickness	ASTM D5147	45 Mil (1.1 mm)
Tensile	ASTM D1970	MD 100 lbs/in' (17.5 kN/m) CD 80 lbs/in (14 kN/m)
Thermal Stability	ASTM D1970	240° F (115° C) Pass
Low Temp Flexibility	ICC AC 48	Pass
Tear Resistance	ASTM D1970	MD 140 / CD 100 lbf (622/445 N)
Adhesion to Plywood	ASTM D903	4 lb/in (700 N/m)

†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%. ©2015 InterWrap Inc. All rights reserved. PSU30 4 June 2015

# TITANIUM® UDL 30

## SYNTHETIC ROOFING UNDERLAYMENT

Titanium® UDL30 is a highly engineered, mechanically attached, coated woven synthetic roofing underlayment designed for sloped roofs. UDL30 represents the future in felt replacement technology, and used in conjunction with Titanium PSU30 self-adhered underlayment, offers the sloped roofing industry a truly revolutionary system of safety, security and simplicity.

UDL30's advanced polymers combine to deliver a unique gray synthetic roofing underlayment that can be used under all types of 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, UDL30 possesses a revolutionary patented slip resistant Sure-Foot® nodular walking surface technology that allows for easier steep slope walkability, even in wet conditions.

Gain an edge in productivity and profits; UDL30's light weight, 48" width and 250 ft run length allows for fewer laps, cuts and easier roll handling compared to felt. This means you can do more jobs in less time, use less labor, and inventory fewer rolls.

UDL30 is 100% synthetic, therefore totally unaffected by water, which means it is 100% inert to mold, lays flat and will not wrinkle. Stay on track, take on more jobs and sleep assured that your UDL30 projects will remain intact and dried-in. Unlike felts, UDL30 does not dry out, leach oils in the heat, nor does it become stiff, difficult to roll or crack in the cold.

UDL30 is 20 times stronger than 30 lb felt, gone are the days of blow-offs and call backs! 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. UDL30 will continue to protect your high cost, long life rated, primary roofing long after oil saturated felt products have turned to dust!



**“HIGHLY ENGINEERED, MECHANICALLY ATTACHED, COATED WOVEN SYNTHETIC ROOFING UNDERLAYMENT DESIGNED FOR SLOPED ROOFS.”**

Titanium UDL30 Roll Specifications		
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:	1,250 lbs / 567 kg	

  

Titanium PSU30 Technical Data		
TEST AND STANDARD†	TITANIUM UDL30 TYPICAL VALUE	ASTM 30 LB FELT TYPICAL VALUE
Class A Fire ASTM	Pass	N/A
Nail Sealability ASTM D1970	Pass	N/A
Permeability ASTM E96	0.06 perms	1.75 perms
Water Transmission ASTM D4869	Pass	Pass
Tear Strength ASTM D4533	MD 44 lbs (20 kg)	MD 4 lbs (1.8 kg)
	CD 40 lbs (18 kg)	CD 2 lbs (0.9 kg)
Tensile Strength ASTM D751	MD 143 lbs (65 kg)	MD 70 lbs (32 kg)
	CD 110 lbs (50 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 kgs)	27.5 lbs ( 12.5 kgs)
Minimum Thickness ASTM D1777	25 mils (0.63 mm)	60 mils (1.5 mm)

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