



# PRIMUS SYNTHETIC UNDERLAYMENT

Mfgd. by : **GULNAR PLASTICS PVT LTD.**



## *"Primus Underlayment"*

Primus Underlayment is the latest in the line of quality roof underlayment by Gulnar Plastics. A product that has the all the features of our current line,

- Great traction-both deck side and walking side
- Lays flat and stays flat
- Suitable for all asphalt, shingle and metal steep sloped roof
- Superior to #15 or #30 felt
- Will not tear even in high wind
- Can be fixed by nails

But with added benefit of weighing just 22 lbs for a 10 sq.roll making it one of the lightest in the market giving a higher productivity higher profitability

## *Roofer Friendly*

"Primus Underlayment" was designed specifically for roofing contractors.

Regular roofing nails provide the best protection from water infiltration and are preferred fastener for the underlayment. The underlayment has good tensile strength.

They weigh only 22 pounds for a 10 square roll. Easier to carry and fewer trips up the ladder. Available in 4', 5' and 10' widths, installs much faster and uses fewer staples than standard felt.

## *Safety*

The first rule of fall prevention is "don't slip" and "Primus Underlayment" has been designed to provide the safest walking surface possible for contractors moving around steep sloped roofs. It provides incredible traction wet or dry. It won't tear easily, eliminating the slip hazard created with loose and torn asphalt felt.

## *Builder Friendly*

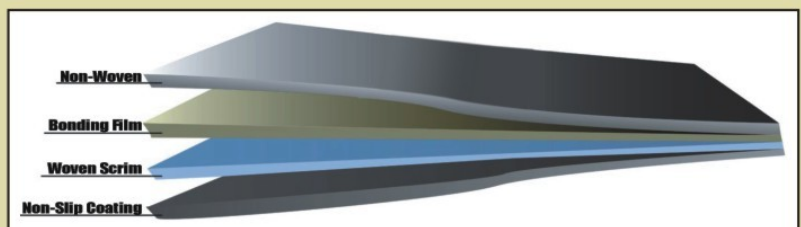
It can be left exposed for up to 90 days and will not tear or blow off the roof. It lays flat and stays flat. No more wrinkles telegraphing through today's lighter weight shingles.

"Primus Underlayment" is a suitable underlayment for use under all roofing materials.

## *Branding Possibilities*

Customized Logo Printing of your company on the underlayment.

**ICC-AC188 TEST Approved**



## AC188 TEST RESULTS SUMMARY

### Technical Details

<b>Thickness</b>	6 mills	.
<b>Unrollability</b>	Pass	AC 188
<b>Pliability</b>	Pass	ASTM D 226
<b>Tensile Strength</b>	MD: 55 lbf/ CD: 50 lbf	ASTM D 1970
<b>Tear Strength</b>	MD: 30 lbf/ CD: 25 lbf	ASTM D 4533
<b>Ultraviolet Exposure</b>	Pass	AC48/AC188
<b>Accelerated Aging</b>	Pass	AC48/AC188
<b>Liquid Water Transmission</b>	Pass	ASTM D4869
<b>Recommended exposure limit</b>	90 Days	

<b>Width per roll</b>	48" / 122cms
<b>Length per roll</b>	250' / 76.2 m
<b>Weight per roll</b>	22 lbs
<b>Roll Size</b>	10sq / 93 m <sup>2</sup>
<b>Rolls per pallet</b>	56 nos
<b>Pallet Weight (56 rolls)</b>	1225 lbs
<b>NO Of Pallets/Container</b>	32

### INSTALLATION INSTRUCTIONS

**Primus Underlayment** should be installed with the printed surface facing up. Horizontal seams should be lapped four inches and vertical side seams should be lapped six inches. Fasteners should be concentrated in horizontal seams.

**Proper Placement of Metal Drip Edge:** Primus Underlayment should lap over the drip cap at the bottom (eave edge) of the roof. If the framers install Primus before the roofers arrive, they should keep the fasteners at least three inches from the bottom of the roof, so that the roofers can properly slip the drip cap under it.

Drip cap should lap over the Primus Underlayment along the eaves. This will prevent windblown rain from getting under the underlayment and will help prevent wind damage to the underlayment before the shingles are installed.

Fastening **Primus Underlayment** to the Deck

1. The correct location for fasteners is clearly printed on the surface of the Primus Synthetic Underlayment. For normal application place a nail in each of the printed O's and ignore the printed X's.
2. Fasteners for the Primus Underlayment should be concentrated in the horizontal laps. When using regular roofing nails or large headed cap nails, fasteners should be spaced every 12 inches in the seams and staggered every 24 inches along two rows in the field of the underlayment.
3. Regular roofing nails with a 3/8" head provide the best protection against water infiltration and are our preferred fastener for most Primus applications. One inch cap nails may be used when required by code or if unusually high winds are forecast, but are typically unnecessary.
4. Primus Underlayment may be left exposed for up to six months using regular roofing nails or cap nails.
5. For extended periods of time or steep slopes twice as many nails may be installed by placing fasteners in both the O's and the X's printed on the Primus Underlayment.
6. Staples should only be used if the Primus Underlayment will be covered with shingles the same day, or before any chance of rain. Many types of staples will allow water to penetrate it around the shanks of the staples. If you install the Primus with staples, you should assume some water will infiltrate past the staples and get under it and into the building. Place most of the staples along the horizontal seams where there will be two layers of the Primus Underlayment. Place only a few staples in its field.



Think Innovations... Think Us

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