





## FOR USE UNDER ASPHALT SHINGLES, SYNTHETIC SHINGLES

Need an EDGE over your competition?

**H-EDGE ROOF™** The Polymeric Synthetic Roofing Underlayment!

H-EDGE ROOF™ manufactured using extremely advanced technology is a mechanically attached, polyolefinic coated woven synthetic roofing underlayment for sloped roofs.

Available in various thickness/ GSM options, H-EDGE ROOF™ is robust and comes with customized longevity (UV protection) and high strength. In addition to this, it has the best-in-class grip walking surface.

Lightweight H-EDGE ROOF™ products with a 48" (inch) width and 286 feet run length allow for fewer laps, cuts, and easier roll handling than asphalt saturated felt.

With H-EDGE ROOF™ you will gain an EDGE in productivity and profits over conventional products. You will be able to complete and take on more projects in lesser time, using fewer labourers while simultaneously keeping fewer rolls in your inventory.

The product is assured to remain intact, dried-in, and perform. It is 100% polymeric and will not absorb water and wrinkle like felt. It lays flat and will remain 100% watertight to mould.

H-EDGE ROOF™ will continue to protect your customer's primary roofing long after conventional products like asphalt saturated felt have decayed into an unusable state. Unlike felt, it comes with a customized manufacturer's limited warranty.

H-EDGE ROOF™ is quickly becoming the synthetic underlayment of choice for several professional roofing contractors with its proven performance.

Chemco Plastic Industries Pvt. Ltd. is one of the fastest-growing and leading manufacturers of high-quality synthetic underlayment. Our organization consists of highly proficient and competent teams with relevant product know-how, material science expertise, and required manufacturing technology experience.

## HOMEOWNER'S BENEFITS

- Definite and distinctive EDGE over felt and other traditional products available.
- Will not break down, dry out or degrade.
- Safer working environment because of firmer walking grip, reducing potential liabilities.
- Wider and longer rolls allow for fewer horizontal and vertical seams on your roof, reducing potential leaks.
- Up to 12 times stronger than #30 felt.
- Can be left exposed to dry-in your site for up to 60+ Days, paving the way for added flexibility in scheduling your primary roofing installation.
- Provides a lasting secondary layer of protection against wind-driven rain, shingle blow-offs, hail storms, and other natural weather phenomenon.
- Preferred choice by the best roofing contractors for your roof's secondary layer of protection.

## FEATURES AND BENEFITS

- Meets ASTM D226 Types I and II and D4869 Types II and IV
- Superior grip and slip-resistant walking surface
- 8 squares more per roll compared to #30 felt
- Ease of installation - wider, lighter, more coverage per lap
- Synthetic construction inert to mold growth
- Lays flat and does not absorb water and wrinkle



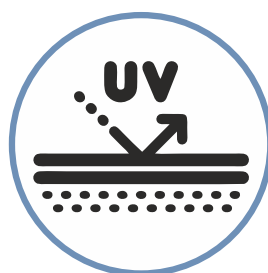
Superior Walkability



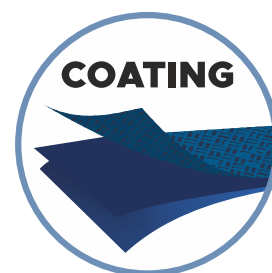
17% more coverage per lap  
(48" width as compared  
to 36" for felt)



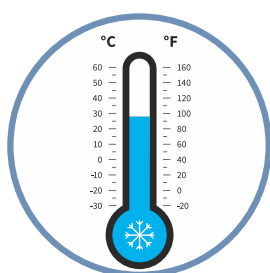
12 x stronger  
than #30 felt



Enhanced UV  
Performance  
60 Days' Exposure



Highly Advanced  
backside  
non-slip coating



Excellent Low-temperature  
flexibility will not become  
stiff making it to unroll



No oil leaching  
no hazardous  
material content



Class A Fire  
ASTM E108  
(as part of a system)



It will not dry out,  
crack, or leach oils  
in the heat like felt

## INSTALLATION INSTRUCTIONS

H-EDGE ROOF™ is an air, water and vapor barrier and therefore must be installed above a properly ventilated space.

### DECK PREPARATION:

Remove all protrusions and ensure the deck has no voids, damaged or unsupported areas. The deck surface should be free of debris, dry and moisture-free.

### USE:

H-EDGE ROOF™ is designed for use under asphalt shingles, synthetic shingles, residential metal roofing and cedar shakes. It must be covered by primary roofing within 60 days of application.

### APPLICATION:

- For slopes from 4:12 and higher, H-EDGE ROOF™ is to be laid out horizontally (parallel) to the eave with the printed side facing up.
- Horizontal laps should be 4" (inches) while vertical laps should be 6" (inches) and anchored approximately 1" (inch) in from the edge.
- For low slope (less than 4:12) applications it is recommended to overlap 50% plus 1" (inch). For a complete definition of low slope and related guidelines, please consult authorities having jurisdiction in your area.
- This product is not recommended for slopes less than 2:12.
- The use of a roofing hammer, pneumatic air, or gas-driven fastener tools is acceptable. The use of straight edge cutting knives is recommended.

### FASTENERS:

For same-day coverage with primary roofing H-EDGE ROOF™ can be anchored with corrosive resistant 3/8" head x 1" leg roofing nails (ring shank preferred, smooth leg acceptable). The use of every other anchoring location printed on the product is also acceptable.

### DO NOT USE STAPLES:

The use of staples will void the manufacturer's warranty.

### ANCHORING:

- All anchoring nails must be flush, 90 degrees to the roof deck, and tight with the underlayment surface and the structural roof deck.
- Where seams and joints require sealant or adhesive use a low solvent plastic roofing cement meeting ASTM D-4586 Type 1, or Federal Spec SS-153 Type -1.

### EXTENDED EXPOSURE:

- If H-EDGE ROOF™ will be directly exposed longer than 24 hours (up to maximum of 60 days) then the product must be attached to the structural roof deck using minimum 1" diameter plastic or metal cap roofing nails (ring shank preferred but smooth leg acceptable).
- For extended exposure, it is always recommended to anchor on every printed position on the facer. H-EDGE ROOF™ is not designed for indefinite outdoor exposure.
- Miami-Dade approved tin tags or metal caps are also acceptable, and it is recommended for best performance to use them with the rough edge facing up.
- Where driving rain or strong winds are expected it is recommended to take additional precautions such as doubling the lap widths.
- Alternately, or in addition to, a compatible sealant can be used between the laps or a peel and stick tape could be applied to the overlaps.

**IMPORTANT NOTE:** Follow without exception all required and relevant building codes pertaining to the structure type in the state, country, and jurisdiction of the installation site. This product is considered a vapour barrier. We recommend to follow the stringent requirements applicable in the country & state of installation and use.



SPECIFICATIONS

LENGTH PER ROLL	286' / 87 m
WIDTH PER ROLL	48" / 1.2 m
WEIGHT PER ROLL	23.5 lbs / 10.6 kg

ROLL SIZE	10 sq / 93 m2
ROLLS PER PALLET	67
PALLET WEIGHT	1,626 lbs / 738 kg

TECHNICAL DATA AND COMPARISON

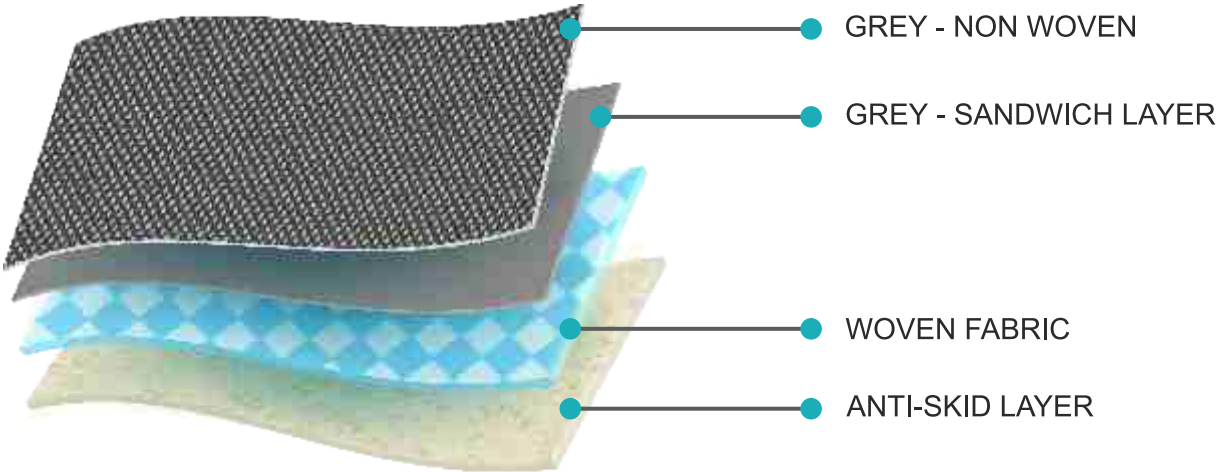
H-EDGE ROOF™ TYPICAL VALUES

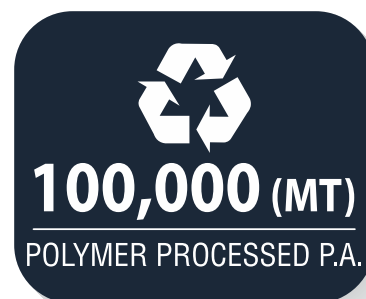
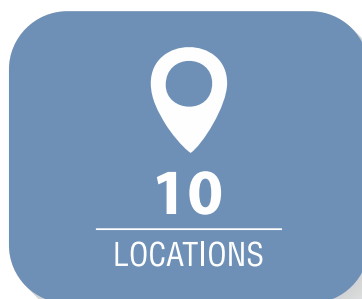
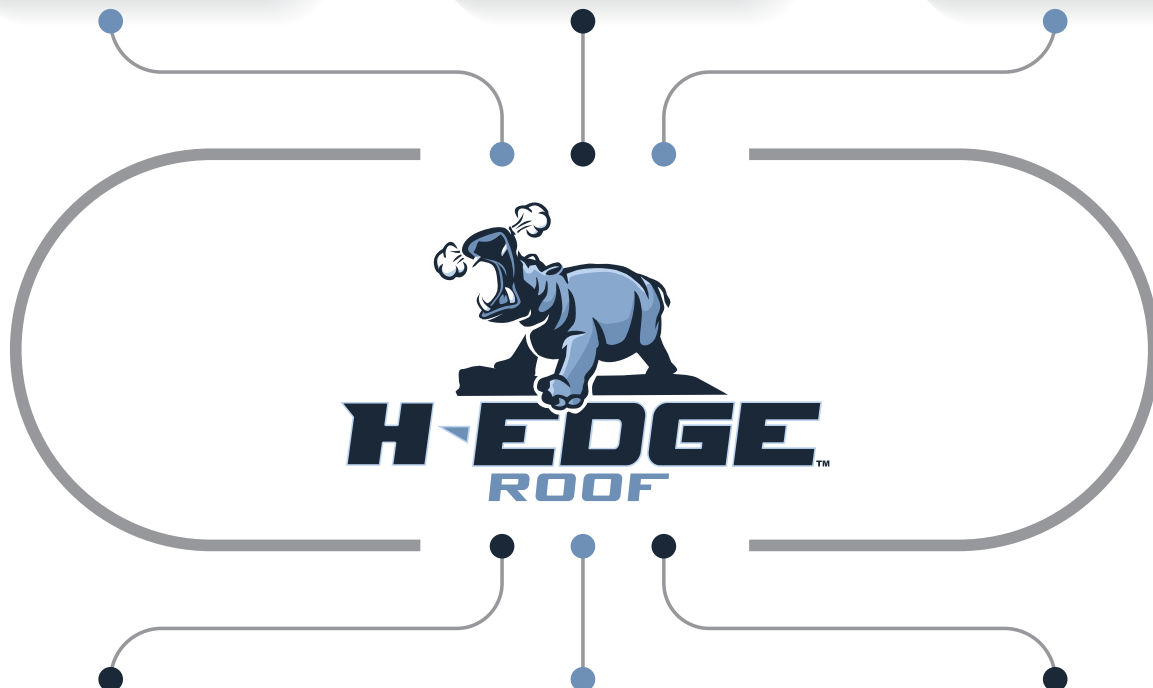
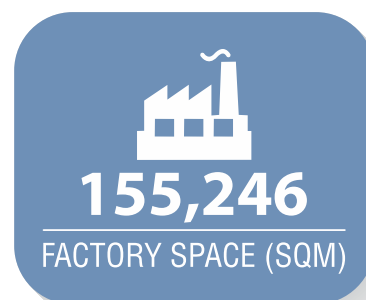
VS

#30 FELT TYPICAL VALUES

.05 Perms	Permeability ASTM E96	1.75 Perms
Pass	Water Transmission ASTM D4869	Pass
MD 33 lbs (15 kg)   CD 24 lbs (11 kg)	Tear Strength ASTM D4533	MD 4 lbs (1.8 kg)   CD 2 lbs (0.9 kg)
MD 88 lbs (40 kg)   CD 70 lbs (32 kg)	Tensile Strength ASTM D751	MD 70 lbs (32 kg)   CD 38 lbs (17 kg)
158 psi (1089 kPa)	Burst Strength ASTM D751	62 psi (430 kPa)
MD 20% CD 20%	Elongation ASTM D751	MD 2% CD 2%
2.25 lbs ( 1.02 kg)	Weight per Square ASTM D5261	27.5 lbs ( 12.5 kgs)
7 mils (0.18 mm)	Nominal Thickness ASTM D1777	60 mils (1.5 mm)
-40 °F to 240 °F (-40 °C to 115 °C)	Service Temperature Range	

STRUCTURE





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