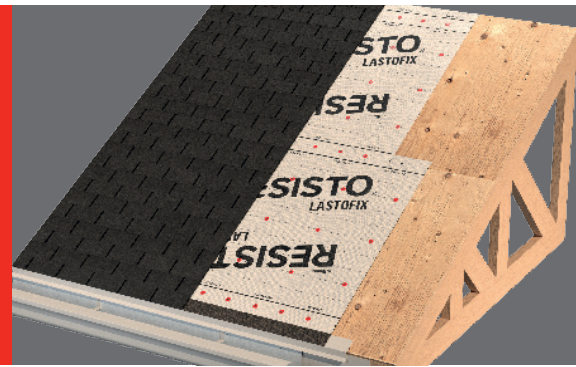


# LASTOFIX

## SYNTHETIC ROOF UNDERLAYMENT



Mechanically fastened synthetic underlayment membrane that provides additional protection to roof against water infiltration.

- Non-slip surface for safe foot-traffic circulation
- Resistance to heat, water, frost and dirt
- Product that meets and exceeds industry standards

### PRODUCT PURPOSE

Application	Underlayment	
Building part	Roofing	
Types of slope	2:12 or higher	
Type of coating	Metal roofing	Asphalt shingles
Substrates	Plywood	OSB
	Wood	

### PRODUCT CHARACTERISTICS

Surface	Polypropylene
Installation method	Fastened
Operating temperature	-40°C to 104 °C (-40 °F to 220 °F)
Maximum exposure	120 days

### PACKAGING

Code	Width		Length		Selvedge width		Net area		Brute area		Quantity (per pallet)
	m	in	m	ft	mm	in	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	
24407	1.22	48	76.2	250	100	4	85	915	93	1000	56





### PROPERTIES

Properties	STANDARDS	LASTOFIX
Weight	-	9.97 kg (22 lb)
Unrolling	ASTM D8257	No visible cracking, tearing, or delamination of underlayment
Pliability	ASTM D8257	No visible cracking, tearing, or delamination of underlayment
Moisture vapour permeance	ASTM E96 Method B	0.1 Perms
Liquid water transmission	ASTM D4869	Pass
Linear dimensional change (MD/CD)	ASTM D1204	Pass
Hydrostatic resistance	ASTM D751 Method A-2	Pass
Tensile Strength (MD/CD)	ASTM D5034	17.9 / 16.1 kN/m (102 / 92 lbf/in)
Tensile Strength (MD/CD)	ASTM D5035	11.4 / 10.2 kN/m (65 / 58 lbf/in)
Tearing strength (MD/CD)	ASTM D4533	97.9 / 80.1 N (22 / 18 lbf)
Fastener pull-through resistance	ASTM D228	186.8 N (42 lbf)
Thermal cycling	ASTM D8257	No deterioration
Laboratory accelerated weathering	ASTM D4798	No deterioration
Fire resistance	ASTM E108	Class A

(All values are nominal) Comply with ASTM D226, ASTM D6757, CAN/CSA A123.3, ASTM D4869 and ASTM D8257

## LASTOFIX

### INSTALLATION

Storage	The rolls should be stored horizontally. If they are stored outdoors, they should be covered with an opaque protective cover after the delivery packaging is removed.	
Minimum application temperature	The membrane can be installed in any temperature.	
Tools required	 Knife	 Tape measure
	 Hammer	 25 mm (1 in) plastic or metal cap-nails or cap-staples*
Surface preparation	The substrate must be clean, dry, dust-free and smooth with all the rough edges and asperities repaired or removed, including nails and staples. For roofs required to have an ice and water protector, it should be installed first along the eaves and in the valleys.	
Installation	<ol style="list-style-type: none"> <li>Starting from the bottom of the roof, position the membrane parallel to the eave (in a shingle fashion), with printed side up. Straighten and align the membrane to eliminate any wrinkles.</li> <li>Fasten the membrane following the printed pattern with fasteners every 150 mm (6 in) on centre on both transverse and end laps.</li> <li>Fasten the middle of the membrane every 300 mm (12 in) following the printed pattern. Secure fasteners flush to the underlayment.</li> <li>Place the second row of the membrane overlapping the already installed membrane and fasten as per the pattern printed on the product. Horizontal overlaps shall be a minimum of 100 mm (4 in). Vertical overlaps shall be a minimum of 200 mm (8 in) and shall be offset by a minimum of 900 mm (36 in).</li> <li>In valleys and peaks, apply a membrane strip in the direction of the joint, for better protection.</li> <li>The membrane applied on upstands should exceed it by 150 mm (6 in). Excess material can be cut later.</li> </ol> <p>Note : The product should not be considered a final roofing system. A proper final roofing system should be installed as soon as possible over the product to ensure adequate protection.</p>	
Recommendations/ limitations	<p>*If LASTOFIX is to be covered on the same day and no driving rain or high wind events are expected, it can be installed with corrosive resistant roofing nails with at least 25 mm (1 in) legs. Uncapped staples are not recommended. Use of uncapped staples may result in blow off or leakage around fastener penetrations during a rain or high wind event.</p> <p>For low slope applications between 2:12 to 4:12, it is recommended to overlap the membrane 60 cm (24 in) horizontally instead of regular 100 mm (4 in). Product is not recommended for slopes less than 2:12.</p> <p><b>IMPORTANT:</b> In high wind zones or coastal applications, decrease the spacing to 10 cm (4 in) on centre on both head and end laps with 30 cm (12 in) on centre in the field area.</p> <p>LASTOFIX is a vapour barrier and must be installed above properly ventilated spaces per local building codes. Do not install fasteners over unsupported areas/voids. Pneumatic nails or staple guns are not recommended.</p> <p>Always use caution when walking on sloped roof decks and roof underlayment. Do not walk on unsecured roof underlayment or any other loose roofing material lying on slope roof decks. Dust, dew, water and debris create unsafe conditions on the roof. The presence of any foreign matter may drastically change the coefficient of friction (traction) on roof underlayment or any other material on a sloped roof deck. Failure to use proper safety equipment and footwear can result in serious injury.</p>	

