


### TECHNICAL DETAILS

<b>WEIGHT/ROLL</b> 20 lbs. 9 kg	<b>ROLL SIZE</b> 5 square roll
<b>WIDTH</b> 48" 1.2 m	<b>LENGTH</b> 125' 38.1 m
<b>TOTAL AREA PER ROLL</b> 500 ft <sup>2</sup> 46.5 m <sup>2</sup>	<b>THICKNESS</b> 30 mils nominal
<b>ROLLS/PALLET</b> 36 from OR/CA/OK	

## STEEP SLOPE PERMEABLE SYNTHETIC UNDERLAYMENT



### TEST COMPLIANCE

<b>ASTM</b> D226 Type I & II	<b>ASTM</b> D4869
<b>ASTM</b> E108 Class A Fire Rating	<b>ICC-ES</b> AC188
<b>CODE APPROVAL</b> CCRR-1082	<b>FBC APPROVAL</b> FL23186
<b>CAN/CSA</b> A123.3	

### FEATURES & BENEFITS

- Breathable; releases trapped moisture due to poor attic ventilation
- Anti-skid surfaces, top and bottom
- Lays flat, straight, and wrinkle free
- UV exposure up to six (6) months
- UL Class A Fire Rated when installed with a Fire Rated Roof Covering
- 100% recyclable

### PRODUCT USE

1035 Secure Start® Permeable underlayment is a breathable, synthetic membrane designed to both prevent water from penetrating a roof and help release trapped moisture from poor attic ventilation. It is lightweight despite three durable layers, the middle a monolithic membrane that provides vapor permeability. Secure Start® Permeable is suitable for use as a water-shedding underlayment or dry-in sheet in steep slope roofing applications with asphalt shingles, wood shakes/shingles, metal, and mechanically-fastened roof tiles. Secure Start® Permeable is approved for use under fire-rated, code-compliant roof coverings. Please contact Malarkey's Technical Services Department for confirmation of roof systems.

### COMPOSITION & MATERIALS

Secure Start® Permeable is a synthetic underlayment, polyolefin based, and manufactured of 100% recyclable polypropylene. It has three layers, embossed non-woven top and bottom scrims with a laminated layer in-between the scrims. The sheet has course lap guide lines every 4" (102 mm) and designated fastener locations.

### APPLICATION

Secure Start® Permeable shall be applied as specified. Roof decks should be sound, smooth, meet necessary local requirements, and be dry at the time of installation. Minimum approved slope is 2" (51 mm) per 12" (305 mm). Malarkey recommends minimum 4" (102 mm) side laps and fastening where indicated on the sheet relative to extent of weather exposure and other conditions. Secure Start® Permeable may be left exposed for up to six (6) months but is only part of a finished roofing system and not the primary roofing surface. Complete installation instructions can be found at [WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM) or by contacting our Technical Services Department.

### PRECAUTION

For best results, Malarkey recommends Secure Start® Permeable be protected from the weather and stored on end in a cool, dry, well-ventilated area until applied.

### WARRANTY

Secure Start® Permeable is eligible for expanded warranty coverages relative to its use as a single roofing accessory or in combination with others in a complete Malarkey roofing system. Installed separately, it carries a 10-year product warranty against manufacturing defects. Contact your roofing contractor, local distribution center, or Malarkey for full details. See below for TECHNICAL ASSISTANCE contact information.

Secure Start® Permeable Synthetic Underlayment and other Malarkey products are available throughout North America and Pacific Rim countries.

Visit [WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM) for additional product information and availability.

Note: Malarkey Roofing Products® inventory SKU number for this product: 1035 Secure Start® Permeable

#### TECHNICAL ASSISTANCE:

Malarkey has technical services assistance available.  
Contact Malarkey for details:  
Call weekdays 7:00 am to 5:00 pm Pacific Time  
at 800.545.1191 or 503.283.1191.  
[technicalinquiries@malarkeyroofing.com](mailto:technicalinquiries@malarkeyroofing.com)

#### CORPORATE OFFICE:

3131 N. Columbia Blvd. Telephone: 503.283.1191  
Portland, OR 97217-7472 or 800.545.1191  
P.O. Box 17217 Fax: 503.289.7644  
Portland, OR 97217-0217



**STEEP SLOPE PERMEABLE  
SYNTHETIC UNDERLAYMENT**

PHYSICAL PROPERTIES	TEST METHOD	SPECIFICATION
Breaking Strength MD	ASTM D5034	123 lbs (55.8 kg)
Breaking Strength CD	ASTM D5034	81 lbs (36.7 kg)
Tear Strength MD	ASTM D4533	58 lbs (26.3 kg)
Tear Strength CD	ASTM D4533	39 lbs (17.7 kg)
Liquid Water Transmission	ASTM D4869	Pass
Water Vapor Transmission	ASTM E96	30 perms
Pliability	ASTM D226	Pass

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