

**TECHNICAL DETAILS**

<b>WEIGHT/ROLL</b> 30 lbs. 13.6 kg	<b>ROLL SIZE</b> 10 square roll
<b>WIDTH</b> 48" 1.2 m	<b>LENGTH</b> 250' 76.2 m
<b>TOTAL AREA PER ROLL</b> 1000 ft <sup>2</sup> 92.9 m <sup>2</sup>	<b>ROLLS/PALLET</b> 36 from OR/CA/OK

**TEST COMPLIANCE**

<b>ASTM</b> D226	<b>ASTM</b> D4869
<b>CSA</b> A123.3	<b>ICC-ES</b> AC188

**FEATURES & BENEFITS**

- 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

## LIGHTWEIGHT STEEP SLOPE SYNTHETIC UNDERLAYMENT


**PRODUCT USE**

Malarkey SecureStart™ Plus Synthetic Underlayment is a lightweight, synthetic membrane suitable for use as a watertight underlayment or dry-in sheet in steep slope roofing applications with asphalt shingles, wood shakes/shingles, and metal shingles. SecureStart™ Plus 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**

SecureStart™ Plus is a synthetic underlayment manufactured of 100% recyclable polypropylene and engineered with five (5) layers for improved durability. The sheet has course lap guide lines every 4" (102 mm) and designated fastener locations.

**APPLICATION**

SecureStart™ Plus shall be applied as specified. Roof decks should be sound, dry, smooth, meet necessary local requirements, and provide positive drainage. Malarkey recommends minimum 4" (102 mm) side laps and fastening where indicated if underlayment is left exposed in windy or rainy climates for an extended period. SecureStart™ Plus may be left exposed for up to six (6) months. Malarkey's Specification Manual and website have specific installation instructions, or you may contact our Technical Services Department for details.

**PRECAUTION**

For best results, Malarkey recommends SecureStart™ Plus be protected from the weather and stored on end in a cool, dry, well-ventilated area until applied.

**WARRANTY**

SecureStart™ Plus 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.

SecureStart™ Plus 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: 1031 SecureStart™ Plus

**TECHNICAL ASSISTANCE:**

Malarkey has technical services assistance available.  
Contact Malarkey for details:  
Call weekdays 7:00 am to 5:00 pm PST,  
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

## LIGHTWEIGHT STEEP SLOPE SYNTHETIC UNDERLAYMENT



PHYSICAL PROPERTIES	TEST METHOD	SPECIFICATION
Breaking Strength MD	ASTM D5034	140 lbs (63.5 kg)
Breaking Strength CD	ASTM D5034	130 lbs (59 kg)
Tear Strength MD	ASTM D4533	40 lbs (18.1 kg)
Tear Strength CD	ASTM D4533	40 lbs (18.1 kg)
Liquid Water Transmission	ASTM D4869	Pass
Water Vapor Transmission	ASTM E96	< 0.05 perms
Pliability	ASTM D226	Pass

### TECHNICAL ASSISTANCE:

Malarkey has technical services assistance available.  
 Contact Malarkey for details:  
 Call weekdays 7:00 am to 5:00 pm PST,  
 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