



## TECHNICAL PRODUCT DATA SHEET

## TECHNICAL DETAILS

**WEIGHT/ROLL**

24 lbs. [10.9 kg]

**ROLL SIZE**

10 square roll

**WIDTH**

48" [1.2 m]

**LENGTH**

250' [76.2 m]

**TOTAL AREA PER ROLL**
1000 ft<sup>2</sup> [92.9 m<sup>2</sup>]
**THICKNESS**

7 ±1 mils [nominal]

**ROLLS/PALLET**

56

## TEST COMPLIANCE

ASTM D226    ASTM D4869

ASTM D8257

ASTM E108 CLASS A FIRE RATING

CAN/CSA A220.1    CCRR #0537

ICC-ES AC188

FBC APPROVAL - FL23186



## FEATURES & BENEFITS

- Non-woven top & anti-slip coating offers safe, steep slope traction
- Lays flat, straight & wrinkle-free
- UV exposure up to 90 days
- UL Class A Fire-Rated when installed with a Fire-Rated Roof Covering
- 100% water & air-resistant

Effective 08/24  
Supersedes all previously published data.

Check for most current version at  
[WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM)

# SECURE START® LITE

## Lightweight, Steep Slope Synthetic Underlayment

## PRODUCT USE

Malarkey Secure Start® Lite Synthetic Underlayment is a lightweight, synthetic membrane suitable for use as a water-shedding underlayment or dry-in sheet in steep slope roofing applications with asphalt shingles, wood shakes/shingles, metal, slate, and mechanically-fastened roof tiles. Secure Start® Lite 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® Lite is a 4-layer synthetic underlayment with a polypropylene woven core, polypropylene non-woven top and an anti-slip polyolefin coating on the bottom. The sheet has course lap guide lines and designated fastener locations for effective installation.

## APPLICATION

Secure Start® Lite shall be applied as specified. Roof decks should be sound, smooth, and meet adopted building code requirements. 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® Lite may be left exposed for up to 90 days 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® Lite be protected from the weather and stored on end in a cool, dry, well-ventilated area until applied.

## WARRANTY

Secure Start® Lite is eligible for expanded warranty coverages relative to its use in combination with others in a complete Malarkey Secure Choice™ roofing system (Standard Shingle & Accessory Warranty) and as part of Emerald Pro Warranty installations. 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® Lite 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: 1029 Secure Start® Lite

**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.

[malarkey.technicalinquiries@holcim.com](mailto:malarkey.technicalinquiries@holcim.com)

**CORPORATE OFFICE:**  
3131 N. Columbia Blvd. Portland, OR 97217-7472  
P.O. Box 17217 Portland, OR 97217-0217

**TELEPHONE:**  
503-283-1191 or 800-545-1191

**FAX:** 503-289-7644



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PROPERTY	UNITS	TEST METHOD	RESULT
Nominal Thickness	mil	ASTM D5261	7
Tensile Strength	lb/in	ASTM D751	50 MD / 50 CD
Tear Strength	lb	ASTM D4533	20 MD / 20 CD
UV Light Exposure	Days		90
Fire Rating		ASTM E108	Class A
Liquid Water Transmission		ASTM D4869	Pass
Finished Weight	gm/m <sup>2</sup>	ASTM D3776	100 gm/m <sup>2</sup>
Permeability	perms	ASTM E96	0.06 perms
Pliability		ASTM D226	Pass