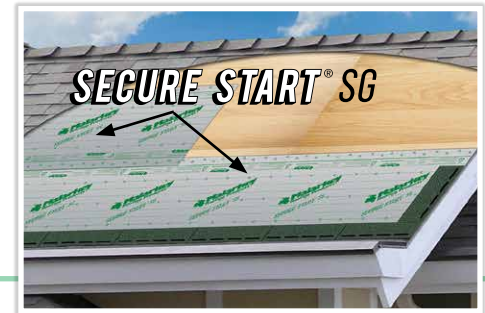



TECHNICAL DETAILS	
<b>WEIGHT/ROLL</b> 25 lbs. 11.3 kg	<b>ROLL SIZE</b> 10 square roll
<b>WIDTH</b> 48" 1.2 m	<b>LENGTH</b> 250' 76.2 m
<b>TOTAL AREA PER ROLL</b> 1000 ft <sup>2</sup> 92.9 m <sup>2</sup>	<b>THICKNESS</b> 11±1 mils nominal
<b>ROLLS/PALLET</b> 49	

## STEEP SLOPE SMOOTH GRADE SYNTHETIC UNDERLAYMENT



TEST COMPLIANCE	
<b>ASTM</b> D226	<b>ASTM</b> D4869
<b>ASTM</b> D8257	<b>ASTM</b> E108 Class A Fire Rating
<b>CODE APPROVAL</b> CCRR-1082	<b>ICC-ES</b> AC188
<b>CAN/CSA</b> A123.3	<b>FBC APPROVAL</b> FL23186
	

FEATURES & BENEFITS
<ul style="list-style-type: none"> <li>• Smooth grade/quick-lay application</li> <li>• Lays flat, straight, and wrinkle free</li> <li>• UV exposure up to six (6) months</li> <li>• UL Class A Fire Rated when installed with a Fire Rated Roof Covering</li> <li>• 100% recyclable</li> </ul>

### PRODUCT USE

1030 Secure Start® SG is a lightweight, *smooth grade* 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, and mechanically-fastened roof tile. Its smooth surfaces, top and bottom, lessen shingle drag and speed installation. Secure Start® SG 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® SG is a synthetic underlayment, polyolefin based, manufactured of 100% recyclable polypropylene, and engineered with four (4) layers for strength and durability. The sheet has course lap guide lines every 4" (102 mm) and designated fastener locations.

### APPLICATION

Secure Start® SG 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). Secure Start® SG's light weight and smooth surfaces can facilitate installation by lowering shingle drag. 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® SG 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® SG be protected from the weather and stored on end in a cool, dry, well-ventilated area until applied.

### WARRANTY

Secure Start® SG is eligible for expanded warranty coverages relative to its use as a single roofing accessory or in combination with others in a complete Malarkey Secure Choice™ 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® SG 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: 1030 Secure Start® SG

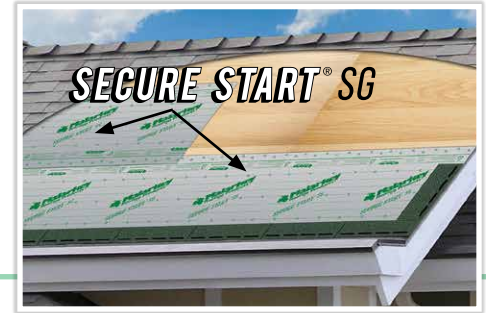
#### TECHNICAL ASSISTANCE:

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  
SMOOTH GRADE  
SYNTHETIC UNDERLAYMENT



PHYSICAL PROPERTIES	TEST METHOD	SPECIFICATION
Breaking Strength MD	ASTM D5034	104 lbs (47.2 kg)
Breaking Strength CD	ASTM D5034	100 lbs (45.4 kg)
Tear Strength MD	ASTM D4533	22 lbs (10 kg)
Tear Strength CD	ASTM D4533	22 lbs (10 kg)
Liquid Water Transmission	ASTM D4869	Pass
Water Vapor Transmission	ASTM E96	< 0.05 perms

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