


TECHNICAL DETAILS

WEIGHT/ROLL 30 lbs. 13.6 kg	ROLL SIZE 10 square roll
WIDTH 48" 1.2 m	LENGTH 250' 76.2 m
TOTAL AREA PER ROLL 1000 ft ² 92.9 m ²	THICKNESS 15±1 mils nominal
ROLLS/PALLET 36	

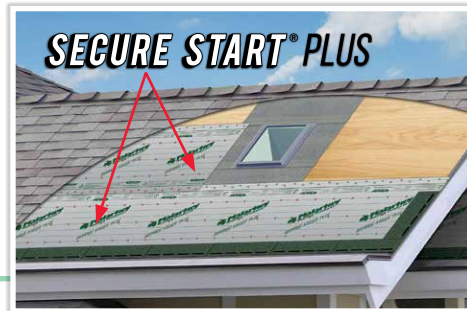
TEST COMPLIANCE

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

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

STEEP SLOPE SYNTHETIC UNDERLAYMENT



PRODUCT USE

Malarkey Secure Start® Plus 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, and mechanically-fastened roof tiles. Secure Start® 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

Secure Start® Plus is a synthetic underlayment, polyolefin based, 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

Secure Start® Plus 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® Plus 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 or by contacting our Technical Services Department.

PRECAUTION

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

WARRANTY

Secure Start® 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.

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

Visit WWW.MALARKEYROOFING.COM for additional product information and availability.

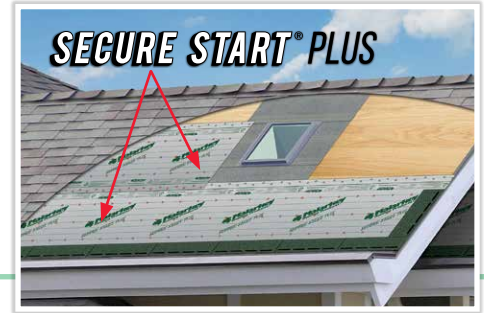
Note: Malarkey Roofing Products® inventory SKU number for this product: 1031 Secure Start® Plus

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

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 SYNTHETIC UNDERLAYMENT

PHYSICAL PROPERTIES	TEST METHOD	SPECIFICATION
Breaking Strength MD	ASTM D5034	136 lbs (61.7 kg)
Breaking Strength CD	ASTM D5034	128 lbs (58.1 kg)
Tear Strength MD	ASTM D4533	32 lbs (14.5 kg)
Tear Strength CD	ASTM D4533	31 lbs (14.1 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 Pacific Time
 at 800.545.1191 or 503.283.1191.
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