

TECHNICAL PRODUCT DATA SHEET

TECHNICAL DETAILS

WEIGHT/ROLL

36 lbs. [16.5 kg]

ROLL SIZE

10 square roll

WIDTH

48" [1.2 m]

LENGTH

250' [76.2 m]

TOTAL AREA PER ROLL

1,000 ft² [92.9 m²]

THICKNESS

32 mils [nominal]

ROLLS/PALLET

20

TEST COMPLIANCE

ASTM D4869 ASTM D8257

ASTM E108 CLASS A FIRE RATING

CAN/CSA A220.1 CCRR #0537

ICC-ES AC188

FBC APPROVAL - FL23186



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 90 days
- UL Class A Fire Rated when installed with a Fire Rated Roof Covering
- 100% waterproof performance

Effective 09/25
Supersedes all previously published data.

Check for most current version at
WWW.MALARKEYROOFING.COM

PRODUCT USE

1040 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 and polypropylene based. 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 and designated fastener locations for effective installation.

APPLICATION

Secure Start® Permeable 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® Permeable 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 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 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® Permeable 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: 1040 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.

malarkey.technicalinquiries@amrize.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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SECURE START[®]

PERMEABLE

Steep Slope Permeable Synthetic Underlayment

PHYSICAL PROPERTIES	TEST METHOD	SPECIFICATION
Tensile Strength MD/CD	ASTM D882	51 / 34 lb/in
Elongation MD/CD	ASTM D882	55% / 58%
Fastener Pull Through Resistance	ASTM D4533	25 lbs
Hydrostatic Resistance	ASTM D8257	Pass
Liquid Water Transmission	ASTM D4869	Pass
Water Vapor Transmission	ASTM E96	16 perms
Unrolling	ASTM D8257	Pass
Pliability	ASTM D226	Pass

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