

TECHNICAL PRODUCT DATA SHEET

1000 ESHAvent®
THERMALLY ADHERED SBS VENTING BASE SHEET**PRODUCT DESCRIPTION**

Product Use: Malarkey Roofing Products™ (Malarkey) 1000 ESHAvent was developed for application under hot asphalt or torch applied systems. This base sheet can be used as a dry-in covering over most surfaces. The non-permeable layer of aluminum foil creates an effective vapor escape system, which prevents roof blistering. The aluminum foil also acts as a heat shield to protect underlying roof insulation from the heat of a torch or hot asphalt. This removes the need for a coverboard over isocyanurate, extruded and expanded polystyrene roof insulations. Precautions must be taken over EPS. Please consult Malarkey for approval of roof systems.

Precautions: 1000 ESHAvent requires dry storage and protection from weather. Do not apply wet base sheet. Roof decks should be sound, dry, smooth, meet necessary local requirements and provide positive drainage.

Composition and Materials: 1000 ESHAvent is a thermally adhered bituminous waterproofing and ventilating base sheet membrane. The top surface is coated with a weathering grade of SBS bitumen and surfaced with fine mineral sand. The underside is covered with a perforated aluminum foil sheet, allowing the adhesive SBS undercoating to "spot weld" to the deck or insulation. The "weld" is enhanced to its permanent bonded state upon application of a torch or hot asphalt applied system.

TECHNICAL DATA

Typical average properties, 1 1/2 Square Roll:

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|------------------|---|
| Weight/Square | 48 lbs. (21.8 kg) |
| Weight/Roll | 72 lbs. (34.1 kg) |
| Selvage Edge | 3" (76.2 mm) |
| Dimensions | 39-3/8" wide x 49.2' long (1 m wide x 15.5 m long) |
| Thickness | 80 mils |
| % of Perforation | Approx. 30% |

Listed by WH and FM for fire resistance and 1-90 wind uplift. Meets ASTM D 4601.

APPLICATION PROCEDURES

1000 ESHAvent shall be applied as specified in the [Malarkey Specification Manual](#). It may be applied in cold weather. Please follow cold weather application and general requirements.

WARRANTIES

Malarkey offers various warranties to meet specific requirements. The warranty package includes 5, 10, 15 and 20-year limited and unlimited coverage. Contact Malarkey for details.

TECHNICAL SERVICES

Malarkey has technical assistance available for all phases of built-up roof coverings and requirements. Inspectors are available for consultations, job site and final inspections. Contact Malarkey for details at (800) 545-1191 or (503) 283-1191; Weekdays 7:00 a.m. to 5:00 p.m. Pacific Time.

AVAILABILITY

Malarkey 1000 ESHAvent is available throughout North America and Pacific Rim countries. Visit www.MalarkeyRoofing.com for additional product information and availability.

Effective 12.07 | Supersedes all previously published data.

For most current version, go to www.MalarkeyRoofing.com