



STOCK NO. 7910046

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STORMSHIELD ICE AND WATER PROTECTOR

This product consists of a resilient, non-woven glass fiber mat, which is permeated and coated with SBS modified bitumen to a thickness of approx. 1.08 mm (43 mils). This sheet is covered with finely divided mineral matter on its top surface while a silicone treated release film, which is easily removed during application, protects its self-adhesive backing. This product is used primarily for waterproofing purposes under shingled roofs and specifically beneath potential ice dam areas, it can also be installed around vent stacks, dormers, chimneys, and other roof-top structures. This product is designed and tested to comply with ASTM D1970.

| CHARACTERISTIC | UNITS | NOMINAL VALUE | SPECIFICATION | TEST METHOD | STANDARD LIMITS |
|--|-----------------------------------|------------------------|---------------|-------------|------------------|
| ROLLS PER PALLET: | - | 44 | - | - | N/A |
| PALLET SIZE: | cm (in) | 132 x 112 (52 x 44) | - | - | - |
| LENGTH: | m (ft) | 19.8 (65) | - | - | ± 1% |
| WIDTH: | mm (in) | 914 (36) | - | - | ± 3 (1/8) |
| THICKNESS: | mm (mils) | 1.08 (43) | ASTM D1970 | ASTM D5147 | MIN: 1.0 (40) |
| SELVAGE: | mm (in) | 76 (3.0) | - | - | ± 6 (1/4) |
| ADHESION TO PLYWOOD AT 24°C (75°F) | kgf/30.5 cm (lbf/ft) | PASS | ASTM D1970 | ASTM D903 | MIN: 5.44 (12) |
| TENSILE STRENGTH MD: XD: | kN/m (lbf/in) | PASS PASS | ASTM D1970 | ASTM D2523 | MIN: 4.4 (25) |
| TEAR STRENGTH MD: XD: | N (lbf) | PASS PASS | ASTM D1970 | ASTM D4073 | MIN: 89 (20) |
| THERMAL STABILITY (FLOW AT 70°C): | mm (mils) | PASS | ASTM D1970 | ASTM D1204 | MAX: 3.0 (118) |
| COLD FLEX: | °C (°F) | PASS | ASTM D1970 | ASTM D1970 | MIN: -29 (-20) |
| WATER VAPOUR PERMEANCE: | ng/Pa•s•m ² (perms) | PASS | ASTM D1970 | ASTM E96 | ≤ 5.7 (≤0.1) |
| SEALABILITY AROUND NAIL: | - | PASS | ASTM D1970 | ASTM D7349 | NO WATER PRESENT |

The information on this Technical Data sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation, and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.