



TECHNICAL DATA SHEET

STOCK NO. 4221XXX

Sept, 2020

CAMBRIDGE

This heavyweight, laminated shingle is composed of a dimensionally stable non-woven glass fiber mat, which is thoroughly impregnated with stabilized waterproofing bitumen. Cambridge is distinguished by its random shake-look design, unique dual band shadow coloration, and superior thermally activated shingle sealant. Colored, ceramic granules surface the top of both layers of this shingle to protect the asphalt from ultraviolet radiation. Each shingle has release tape and mineral powder applied to the underside, thus preventing any sticking in the bundle. Special algae-inhibiting granules have been added to provide long-lasting algae resistance. Suitable for application on roof slopes greater than 4:12. Underlayment is strongly recommended for slopes below 6:12. They may also be applied on low slope roofs (2:12 to 4:12) providing the deck is covered with two plies of felt or one ply of any IKO Ice & Water Protector. This shingle conforms to requirements of, ASTM D3018, ASTM E108 Class A, ASTM D3462, ASTM D3161 Class F, CSA A123.5 and ASTM D7158 Class H.

| CHARACTERISTIC | UNITS | NOMINAL VALUE | TEST METHOD | STANDARD LIMITS |
|----------------------------|---|------------------------|-------------|-----------------|
| QUANTITY PER PALLET: | - | 56 | - | N/A |
| PALLET SIZE: | cm (in) | 101 x 135 (40 x 53) | - | - |
| LENGTH: | mm (in) | 1038 (40 7/8) | - | ± 6 (± 1/4) |
| WIDTH: | mm (in) | 349 (13 3/4) | - | ± 3 (± 1/8) |
| HEADLAP: | mm (in) | 50 (2) | - | MIN: 50 (2) |
| BUNDLE QUANTITY: | - | 20 | - | - |
| COVERAGE PER BUNDLE: | ft ² (m ²) | 33.3 (3.1) | - | - |
| EXPOSURE: | mm (in) | 149 (5 7/8) | - | - |
| TEAR STRENGTH: | g | PASS | ASTM D1922 | MIN: 1700 |
| HEAT RESISTANCE: | - | PASS | * | 90°C (192°F) |
| STABILIZED BITUMEN WEIGHT: | g/m ² (lbs/100 ft ²) | PASS | ASTM D228 | MIN: 2000 (41) |
| GRANULE RETENTION: | % | PASS | ASTM D4977 | MIN: 86 |
| FIRE RATING: | - | CLASS A | ASTM E108 | MIN: CLASS A |

* Sample shows no sliding or dripping of the bitumen coating when suspended vertically in an oven at 90°C (192°F) for 2 hours. See also Material Information Sheet – MIS # 1513, MIS # 1713, MIS # 1813

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