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Standard Methods of Testing ASPHALT INSULATING SIDING SURFACED WITH MINERAL GRANULES¹

This standard is issued under the fixed designation D 1228; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval.

The committee responsible for this standard has voted its withdrawal. In the absence of substantial reasons that it should be continued, the Society will approve withdrawal from publication in April 1983.

1. Scope

1.1 These methods cover procedures for testing and examination of asphalt insulating siding in panel form, composed of vegetable fiber insulating board partially impregnated with bitumen, coated on the weather side with mineral-stabilized asphalt, and surfaced on the weather side with mineral granules.

2. Sampling

2.1 From each shipment or fraction thereof, representing a product of the same kind or class, or both, select at random a number of packages as indicated in the following table:

Packages in Shipment	Packages Selected
Up to 50	1
50 to 500	5
500 to 2500	10

3. Selection of Panels for Testing

3.1 Remove the wrapping material from each package selected for testing, and weigh the contents to the nearest ounce. Calculate the average weight per panel, P , by dividing this weight by the number of panels weighed. Select panels having individual weights within ± 1.5 percent of this average, and use these panels for preparation of specimens for physical and analytical tests.

APPEARANCE AND DIMENSIONS

4. Appearance

4.1 Inspect each panel in the test packages for visible external defects such as holes, ragged or untrue edges, rents, cracks, indentations, lumps of coating, and untrue design. Record any such defects.

5. Dimensions of Exposed Surface

5.1 Measure ten percent of the panels selected at random from the test packages (Section 2) for length and width of exposed surface to the nearest $\frac{1}{32}$ in. (0.79 mm) and calculate the average area of exposed surface, A , in square feet. Where 10 percent of the panels selected for testing, as indicated in Section 3, is less than four panels, measure a minimum of four panels.

6. Shiplap Dimensions

6.1 Determine shiplap dimensions on a minimum of four pairs of panels from the bundles selected in Section 2. Measure the width of the overlying shiplap at two points along each end and side at approximately one-third intervals. Report the average width of shiplap to the nearest $\frac{1}{32}$ in. (0.79 mm).

6.2 Measure the amount by which the underlying shiplap is shorter than the overlying shiplap on both sides and ends by fitting pairs of panels together, face down on a level surface as in normal application, and measuring directly the space between the edges of the backs of adjacent panels. Make such measurements at two points along each side and end at approximately one-third intervals. Report the average of these measurements to the nearest $\frac{1}{32}$ in. (0.79 mm).

¹ These methods are under the jurisdiction of ASTM Committee D-8 on Roofing, Waterproofing, and Bituminous Materials and are under the direct responsibility of Subcommittee D08.02 on Prepared Roofings, Shingles, and Siding Materials.

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