

Australian/New Zealand Standard®

Plastic roof and wall cladding materials— Methods of test

Method 3: Determination of mass per unit area of sheet

1 SCOPE This Standard sets out a method for determining the mass per unit area of plastic building sheets.

2 REFERENCED DOCUMENT The following document is referred to in this Standard:

AS/NZS

4257 Plastic roof and wall cladding materials—Methods of test

4257.1 Method 1: Determination of dimensional properties

3 APPARATUS Scales capable of weighing to an accuracy of ± 1 gram are required.

4 TEST SPECIMEN The test specimen shall be a minimum of 1 m in length by the full width of the sheet.

5 PROCEDURE The procedure shall be as follows:

- (a) Weigh the test specimen and record its mass to the nearest gram.
- (b) Measure the test specimen dimensions in accordance with AS/NZS 4257.1 at ambient temperature. Calculate the area of the test specimen in square metres, as the product of the length and width of the test specimen.
- (c) Calculate the mass per unit area of the test specimen by dividing the mass in grams by the area in square metres.

6 REPORT The following information shall be reported:

- (a) Description of material.
- (b) The mass per unit area of the test specimen, in grams per square metre.
- (c) Reference to this Australian/New Zealand Standard, i.e. AS/NZS 4257.3.

This Joint Australian/New Zealand Standard was prepared by the Joint Technical Committee PL/22, Plastic Building Sheets. It was approved on behalf of the Council of Standards Australia on 8 September 1994 and on behalf of the Council of Standards New Zealand on 17 October 1994 and published on 5 December 1994.

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Jointly revised and redesignated in part as Joint
Standard AS/NZS 4257.3:1994.

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