

## AS 2457.1

# CONDITIONING OF TEST SPECIMENS AND PREPARATION OF TEST PIECES

**1 SCOPE.** This standard sets out the method for the conditioning and subdivision of test specimens of fibre building boards.

**2 DEFINITIONS.** The terms used in this standard shall be interpreted in accordance with AS 1056, AS 2456, AS 2458 and AS 2459.

### 3 CONDITIONING.

**3.1 Samples.** All conditioning shall be carried out on samples obtained in accordance with AS 2456.

**3.2 For General Testing.** Unless precise conditioning is specified in a specific test method, test specimens shall be exposed for at least 24 h immediately before testing to the atmosphere of a well-ventilated room of which the relative humidity and temperature are recorded continuously and in which specimens are protected from wide fluctuations in ambient conditions such as direct sunlight.

The moisture content shall be determined in accordance with AS 2457.7 immediately after any tests have been carried out, and this moisture content shall be included in the test report.

**3.3 For Referee Testing.** In the event of dispute, immediately before testing the test specimens shall be conditioned in an atmosphere maintained at a relative humidity of  $65 \pm 5$  percent and at a temperature of  $20 \pm 2^\circ\text{C}$ , until the change in mass of the specimens does not exceed 0.1 percent in 4 h.

**4 SUBDIVISION OF TEST SPECIMENS.** Test pieces shall be marked off and cut from the conditioned test specimen in the manner shown in Fig. 1, or in some manner which will permit the required size, number, shape and orientation of test pieces to be obtained, from an area not closer than 50 mm to any edge of the sheet. Cuts shall be parallel to the edges of the sheet and normal to the surface.

Each test piece shall be marked—

- (a) to identify it with test specimen from which it was cut; and
- (b) to indicate the particular test for which it was cut in accordance with Fig. 1.

