

# Australian/New Zealand Standard™

## Reconstituted wood-based panels— Methods of test

### Method 35: Dimensions of test pieces

AS/NZS 4266.35

#### PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-005, Reconstituted Timber Panel Products, to supersede AS/NZS 4266.35(Int):2001.

This Standard is equivalent to the industrial Standard harmonized between the wood panel industries in Australia, Japan and New Zealand, known as JANS 18.

#### METHOD

##### 1 SCOPE

This Standard specifies methods for measuring the thickness, length and width of test pieces of reconstituted wood-based panels.

##### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

4266 Reconstituted wood-based panels—Methods of test

4266.1 Method 1: Sampling, cutting, and conditioning of test pieces

4491 Timber—Glossary of terms in timber related Standards

##### 3 DEFINITIONS

For the purpose of this Standard, the definitions in AS/NZS 4491 and AS/NZS 4266.1 apply.

##### 4 PRINCIPLE

The thickness, length and width of test pieces are determined by linear measurement.

## 5 APPARATUS

### 5.1 Instrument for thickness measurement

Micrometer, or similar measuring instrument, having flat and parallel circular anvils of between 6.0 mm to 16.0 mm diameter and an operation pressure between 0.02 MPa to 0.05 MPa. The graduation of the apparatus shall allow reading to 0.01 mm.

NOTE: The anvil diameter selected will depend on the panel type. In principle, panels of low density and/or uneven surface should be measured using the larger anvil diameter.

### 5.2 Instrument for length and width measurement

Sliding calliper, or any other instrument with measuring surfaces of a least 5 mm wide, graduated to allow a reading to 0.1 mm.

## 6 TEST PIECE

### 6.1 Sampling and cutting

Sampling and cutting of the test pieces shall be carried out in accordance with AS/NZS 4266.1.

### 6.2 Dimensions

The dimensions of the test pieces shall be in accordance with those specified in the relevant test method.

### 6.3 Conditioning

The test pieces shall be conditioned in accordance with AS/NZS 4266.1.

## 7 PROCEDURE

### 7.1 Measuring points

The number and positions of the measuring points shall be in accordance with the relevant Standard for test methods.

### 7.2 Thickness measurement

Apply the measuring surfaces of the instrument slowly to the test piece. Measure the thickness to 0.01 mm.

### 7.3 Length and width measurement

For measuring the length and width, apply the jaw of the sliding calliper slowly and without excessive pressure to the test piece, at an angle of approximately 45° to the plane of the test piece (see Figure 1).

Measure the length and width to 0.1 mm.