

# Australian/New Zealand Standard™

AS/NZS 4266.10

## Reconstituted wood-based panels— Methods of test

### Method 10: Wet bending strength after immersion in water at 70°C or boiling temperature

#### PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-005, Reconstituted Timber Panel Products, to supersede AS/NZS 4266.10(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 20.

#### METHOD

##### 1 SCOPE

This Standard specifies three methods for determining the bending strength of particleboards and fibreboards after immersion in hot water, as follows:

- (a) *Method A* Immersion in water at 70°C for 2 h.
- (b) *Method B* Immersion in water at boiling temperature for 2 h.
- (c) *Method C* Immersion in water at boiling temperature for 72 h.

##### 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
4266.5	Method 5: Modulus of elasticity in bending and bending strength
4266.35	Method 35: Dimensions 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.