

Australian/New Zealand Standard™

Reconstituted wood-based panels— Methods of test

Method 7: Surface soundness

AS/NZS 4266.7

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-005, Reconstituted Timber Panel Products, to supersede AS/NZS 4266.7(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 9.

METHOD

1 SCOPE

This Standard specifies a method for assessing the surface soundness of coated and uncoated reconstituted wood-based panels.

NOTE: This Standard does not cover the grid-patterned face of hardboards.

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, AS/NZS 4266.1, and those below apply.

3.1 Surface soundness

Strength or quality of bonding between the particles or fibres at the surface of a board and the material below (uncoated boards), or between the coating material and the underlying board (coated boards).

4 PRINCIPLE

Square test pieces are cut from the boards to be tested. A shallow circular groove is cut into the surface of the test piece and a steel pad bonded to the area within the groove. The tensile load required to pull this pad from the surface is measured.