

Australian/New Zealand Standard™

Reconstituted wood-based panels—Methods of test

Method 20: Resistance to surface abrasion (Taber abrasion test)

AS/NZS 4266.20

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM-005, Reconstituted Timber Panel Products.

This Standard is a revision of AS/NZS 4266.20:1996, with updated referenced document information.

METHOD

1 SCOPE

This Standard specifies a method for determining the resistance to surface abrasion of decorative surfaces by using the Taber abrader. It is applicable to all low pressure overlaid 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

ISO

- 48 Rubber, vulcanized or thermoplastic—Determination of hardness (hardness between 10 IRHD and 100 IRHD)

3 DEFINITIONS

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

3.1 Initial wear point (IP)

The number of cycles when the first clearly recognizable wear through the print, pattern, plain colour coating or solid colour paper appears and the sub-layer becomes exposed in each of the four quadrants. The sub-layer for printed patterns is the background on which the pattern is printed; for plain colours it is the first sub-layer of different colour.