

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

  

[Save](#)

[Resource detail](#)  
[Citations](#)

## Structural joints - strength and stiffness evaluation, EM1 (1999)

[View on Information Provider website](#) [Download this resource \(PDF, 356KB\)](#)

Abbreviation  
BRANZ EM1 (1999)  
Valid from  
01/08/1999

---

Information provider  
BRANZ Limited  
Author  
BRANZ  
Information type  
Evaluation method  
Format  
PDF

---

Cited By  
[This resource is cited by 3 documents \(show Citations\)](#)

Cites  
[This resource cites 3 documents \(show Citations\)](#)

---

### Description

This test procedure may be used to determine strength and stiffness parameters of joints, or individual fasteners used to connect structural elements, either to each other, or to sheet material. The parameters may be used for design of joints used in gravity, cyclonic wind, or seismic loading applications. The procedure is written to be general in nature and material independent, so that it can be applied to a variety of joint or fastener configurations and loading directions.

### Scope

This test procedure may be used to determine strength and stiffness parameters of joints, or individual fasteners used to connect structural elements, either to each other, or to sheet material. The parameters may be used for design of joints used in gravity, cyclonic wind, or seismic loading applications. The procedure is written to be general in nature and material independent, so that it can be applied to a variety of joint or fastener configurations and loading directions.

**For assistance with locating previous versions, please contact the information provider.**

[View on Information Provider website](#) [Download this resource \(PDF, 356KB\)](#)

**For assistance with locating previous versions, please contact the information provider.**

**This resource is cited by:**

# Structural joints - strength and stiffness evaluation, EM1 (1999)

## This document is CITED BY:

- [NZS 3604:1999](#)  
BRANZ EM1 (1999) is cited by NZS 3604:1999 Timber framed buildings
- [NZS 3604:2011](#)  
BRANZ EM1 (1999) is cited by NZS 3604:2011 Timber-framed buildings
- [SH/AS1 \(First edition, unamended\)](#)  
BRANZ EM1 (1999) is cited by Simple House - Acceptable Solution Revoked

Back

# Structural joints - strength and stiffness evaluation, EM1 (1999)

Show what documents this resource is CITED BY

Show what documents this resource CITES

## Description

This test procedure may be used to determine strength and stiffness parameters of joints, or individual fasteners used to connect structural elements, either to each other, or to sheet material. The parameters may be used for design of joints used in gravity, cyclonic wind, or seismic loading applications. The procedure is written to be general in nature and material independent, so that it can be applied to a variety of joint or fastener configurations and loading directions.

[View on Information Provider website](#) [Download this resource \(PDF, 356KB\)](#)

## [Structural joints - strength and stiffness evaluation, EM1 \(1999\)](#)

## Description

This test procedure may be used to determine strength and stiffness parameters of joints, or individual fasteners used to connect structural elements, either to each other, or to sheet material. The parameters may be used for design of joints used in gravity, cyclonic wind, or seismic loading applications. The procedure is written to be general in nature and material independent, so that it can be applied to a variety of joint or fastener configurations and loading directions.

[View on Information Provider website](#) [Download this resource \(PDF, 356KB\)](#)

## This resource cites:

# Structural joints - strength and stiffness evaluation, EM1 (1999)

## This document CITES:

### New Zealand Standards

- [AS/NZS 1080.1:1997](#)  
BRANZ EM1 (1999) cites AS/NZS 1080.1:1997 Timber - Methods of test - Method 1: Moisture content
- [NZS 3603:1993](#)  
BRANZ EM1 (1999) cites NZS 3603:1993 Timber structures standard
- [NZS 4203:1992](#)  
BRANZ EM1 (1999) cites NZS 4203:1992 General structural design and design loadings for buildings

Back

Close

**Table of Contents**

Print [Save](#) Email

[Feedback](#)


- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)


[Feedback](#)