

Australian/New Zealand Standard™

**Masonry units, segmental pavers and flags—
Methods of test****Method 4: Determining compressive strength of
masonry units**

This Standard incorporates Amendment No. 1 (August 2004) and Amendment No. 2 (September 2009). The changes required by the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

1 SCOPE

This Standard sets out the method for determining the unconfined compressive strength of masonry units.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

2193 Methods for calibration and classification of force-measuring systems

3700 Masonry structures

AS/NZS

4456 Masonry units, segmental pavers and flags—Methods of test

4456.0 Part 0: General introduction and list of methods

4456.1 Method 1: Sampling for testing

4456.2 Method 2: Assessment of mean and standard deviation

BS EN ISO

7500-1 Metallic materials. Verification of static uniaxial testing machines. Tension/compression testing machines. Verification and calibration of the force-measuring system.

NZS

4230 Code of practice for the design of masonry structures

3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS/NZS 4456.0 apply.

4 PRINCIPLE

A unit is placed in a compression testing machine and subjected to increasing load until it fails. From the maximum load, the unconfined compressive strength is calculated.

The specimen is tested with either full capping or face-shell capping appropriate to its intended use.