

Australian Standard®

Methods of testing concrete

Method 2: Preparing concrete mixes in the laboratory

1 SCOPE

This Standard sets out a method for the preparation of concrete mixes in the laboratory.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- 1012 Methods of testing concrete
- 1012.1 Method 1: Method for sampling fresh concrete
- 1012.3.1 Method 3.1: Methods for the determination of properties related to the consistency of concrete—Slump test
- 1012.3.2 Method 3.2: Methods for the determination of properties related to the consistency of concrete—Compacting factor test
- 1012.3.3 Method 3.3: Methods for the determination of properties related to the consistency of concrete—Vebe test
- 1012.3.4 Method 3.4: Methods for the determination of properties related to the consistency of concrete—Compactibility index
- 1012.4.1 Method 4.1: Determination of air content of freshly mixed concrete—Measuring reduction in concrete volume with increased air pressure
- 1012.4.2 Method 4.2: Determination of air content of freshly mixed concrete—Measuring reduction in air pressure in chamber above concrete
- 1012.4.3 Method 4.3: Determination of air content of freshly mixed concrete—Measuring air volume when concrete dispersed in water
- 1012.5 Method 5: Method for determination of mass per unit volume of freshly mixed concrete
- 1012.6 Method 6: Method for the determination of bleeding of concrete
- 1012.8.1 Method 8.1: Method for making and curing concrete—Compression and indirect tensile test specimens
- 1012.8.2 Method 8.2: Method for making and curing concrete—Flexure test specimens
- 1012.13 Method 13: Determination of the drying shrinkage of concrete for samples prepared in the field or in the laboratory
- 1012.16 Method 16: Method for the determination of creep of concrete cylinders in compression (metric units)
- 1012.17 Method 17: Methods for the determination of the static chord modulus of elasticity and Poisson's ratio of concrete specimens
- 1012.18 Method 18: Method for the determination of setting time of fresh concrete, mortar and grout by penetration resistance (metric units)
- 1141 Methods for sampling and testing aggregates
- 1141.3.1 Method 3.1: Sampling of aggregates