

Australian Standard®

Methods for sampling and testing aggregates**Method 32: Weak particles (including clay lumps, soft and friable particles) in coarse aggregates**

This Standard incorporates Amendment No. 1 (March 2016). The changes required by the Amendment 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 percentage of weak particles in coarse aggregates.

2 NORMATIVE REFERENCES

The following documents are indispensable for the application of this Standard.

AS	
1141	Methods for sampling and testing aggregates
1141.1	Method 1: Definitions
1141.2	Method 2: Basic testing equipment
1152	Specification for test sieves

3 TERMS AND DEFINITIONS

For the purpose of this Standard, the terms and definitions given in AS 1141.1 and the one below apply.

3.1 Weak particles

Particles present in an aggregate sample that are identified as such when tested in accordance with this Standard. Such particles include clay lumps, soft and friable particles.

4 APPARATUS

The following apparatus, complying with the relevant provisions of AS 1141.2, is required:

- Balance* A balance of sufficient capacity, with a limit of performance not exceeding $\pm 5\text{g}$.
- Container* A metal dish of sufficient size.
- Oven* Oven that is thermostatically controlled to operate at a temperature of 105°C to 110°C .
- Sample dividers or quartering equipment*
- Sieve* A 2.36 mm sieve, complying with AS 1152.