

## Australian Standard®

AS 1141.40:2017

# Methods for sampling and testing aggregates

## Method 40: Polished aggregate friction value— Vertical road-wheel machine

### PREFACE

*This Standard incorporates Amendment No. 1 (December 2018). 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 polished aggregate friction value (PAFV) of naturally occurring or artificially produced materials which are intended to be used as, or to be a source of, pavement surfacing material. The aggregate is polished using a vertical road-wheel machine. Following accelerated polishing of the material by this Method, the PAFV is determined by method AS 1141.42.

### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1141 Methods for sampling and testing aggregates  
1141.42 Method 42: Pendulum friction test

A1 | [Text deleted]

AS/NZS

4518 Bonded abrasives—Determination and designation of grain size distribution

A1 | [Text deleted]

A1 | ISO

8486 Bonded abrasives—Determination and designation of grain size distribution  
8486-1 Part 1: Macrogrits F4 to F220  
8486-2 Part 2: Microgrits F230 to F2000

BS EN

1097 Tests for mechanical and physical properties of aggregates  
1097-8 Part 8: Determination of the polished stone value

### 3 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

#### 3.1 Dummy specimens

Specimens that have been polished and tested, which would otherwise be discarded. They are used to make up the number of specimens to 14 when less than 12 test specimens are to be polished.