

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]

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.