

Test Method

Polished Stone Value

RC 374.01

As for BS EN 1097-8:2009, except with the following changes:

Clause in BS EN 1097-8: 2009	Change	
Clause 6.4	A suitable source of PSV control stone has a mean PSV in the range 46 to 56,	
Clause 6.4, Note 1	Source code	At present the recognized sources (1) of PSV control stone are:
	1) Swd -	UK PSV control stone with specified mean PSV 52.5
	2) SbG -	2011 UK PSV control stone with specified mean PSV 49.0
	3) HhG -	German PSV control stone with specified mean PSV 54.5
Clause 6.4, Note 2	An alternative source of PSV control stone with a mean PSV value in the range 46 to 56 can be used provided the PSV value has been established in a controlled experiment carried out in at least 10 laboratories, by cross testing against the TRL control stone (SbG). In case of dispute, the TRL type control stone (SbG) should be used.	
Clause 6.5, Note 1	The Friction Tester Reference Stone shall be Mt Fraser Scoria, instead of the Olivine Basalt as described in clause 6.5 Note 1.	
Clauses 8.6 & 8.7	The tiles shall be manufactured with a high alumina cement mortar, instead of the use of epoxy resin as detailed in clause 8.6 & 8.7.	
Clause 12.2	(Second sentence change only: The specified range for the TRL type PSV control stone (SbG) is (49.0 +/- 3)	
Clause 12.3.3	Calculate the PSV to the nearest whole number, from the following equation: $PSV = S + X - C$ where: S is the mean value for the four aggregate test specimens X is the mean PSV specified for the source of control stone used C is the mean value for the four PSV control stone specimens.	
Clause 13	Test Report: Same as BS EN 1097-8 2009, except add: (g) Three letter source code for the PSV control stone used and batch number if available.	
Reference	(1) Transport Research Laboratory report PPR603, found at: http://www.trl.co.uk/online_store/reports_publications/trl_reports/cat_highway_engineering/report_establishing_a_new_supply_of_uk_psv_control_stone.htm	

Test Method - Revision Summary
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Date	Clause Number	Description of Revision	Authorised by
March 2104	Full document Clauses above	Updated to reference BS EN 1097-8: 2009 Added specific requirements for control stone	Manager – Construction Materials
June 2013	Full document	Re-styled with minor corrections made	Manager – Construction Materials