

WATER ABSORPTION, BULK SPECIFIC GRAVITY Test Certificate

TEST METHOD	ASTM C97M-15
TEST DATE	17-Nov-17
CLIENT	Hanson Australia Pty Ltd
OUR REFERENCE	HAN1117-1
SAMPLE	Kanmantoo Bluestone
SURFACE FINISH	Sawn
SAMPLE ORIGIN	Kanmantoo SA
SAMPLING DATE	1/11/2017
SAMPLE LOCATION	Not Known
SHAPE and NOMINAL SIZE	Prism: 50mm x 50mm x 50mm

Conditioning: Dried min 48 hrs @ 60deg C / Soaked for 48 hours @ 22 deg C

Test Number	Specimen Identification	Dried Mass (g)	Soaked mass (g)	Suspended mass (g)	Bulk SG (kg.m-3)	% Absorption by Volume	% Absorption by Weight
W8345	S91/1	360.96	361.75	228.93	2,718	0.59	0.22
W8346	S91/2	333.94	334.66	211.62	2,714	0.59	0.22
W8347	S91/3	347.78	348.54	220.23	2,710	0.59	0.22
W8348	S91/4	316.30	317.06	200.50	2,714	0.65	0.24
W8349	S91/5	349.71	350.48	221.54	2,712	0.60	0.22

MEAN BULK SPECIFIC GRAVITY (Kg.m-3) $2,714 \pm 2$ (U_{95})

MEAN ABSORPTION BY Volume (%) $0.60\% \pm 0.09$ (U_{95})

MEAN ABSORPTION BY Weight (%) $0.22\% \pm 0.03$ (U_{95})

NOTE: The expanded measurement uncertainty values (U_{95}) quoted in this report are at a confidence level of 95 % with a nominal coverage factor of 2. These values do not include any estimate of the effects associated with sampling.

COMMENTS/VARIATIONS

TESTED BY: G. Baggs & T. Baggs

APPROVED SIGNATORY:

NAME: Graham J Baggs

ISSUE DATE: 22-Nov-17




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