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## CERTIFICATE OF TEST

Certificate No: 150112.6

Certificate date: 12/01/2015

### 1. Test Items

Item ref.	Description	Sampling period
OM14-2949	CEMEX; Rugby; CEM I:52,5N	September 2014
OM14-2953	CEMEX; Rugby; CEM II/B-V:42,5N	September 2014
OM14-3024	Dragon Alfa; CEM I: 42,5R	September 2014
OM14-3434	Lafarge Tarmac: BS 7979; Limestone fines	06/11/2014
OM14-3708	Hanson Scunthorpe: EN 15167-1; GGBS	October 2014

### 2. Physical Test Results

Property	Test Method	Unit	Test results				
			OM14-2949	OM14-2953	OM14-3024	OM14-2949 <sup>*1</sup> OM14-3434	OM14-2949 <sup>*3</sup> OM14-3708
Compressive strength: 28 day	EN 196-1:2005	MPa	61.0	50.1	54.6	50.3	49.8
Standard Consistence	EN 196-3:2005	%	28.8	30.0	27.6	29.6	
Initial setting time	EN 196-3:2005	minutes	115	135	160	120	
Particle density <sup>*2</sup>	EN 196-6:2010	Kg/m <sup>3</sup>	3103	2881	3086	3043	
Cement residue <sup>*2</sup> (0.090mm)	EN 196-6:2010	%	0.1	0.3	0.6	0.1	
Cement residue <sup>*2</sup> (0.075mm)	EN 196-6:2010	%	0.2	0.5	1.1	0.3	0.1

### 3. CemTest Test Results

Property	Test Method	Unit	Test results			
			OM14-2949	OM14-2953	OM14-3024	OM14-2949 <sup>*1</sup> OM14-3434
Compressive strength: 28 day (mean of three)	CemTest	MPa	59.6	47.3	54.6	51.6

Issued by:

S J Angel

Date issued:

12<sup>th</sup> January 2015

Note <sup>\*1</sup>: Blend of 72% OM14-2949 + 18% OM14-3434

Note <sup>\*2</sup>: Not in the scope of OMNI-CEM's UKAS accreditation

Note <sup>\*3</sup>: Blend of 50% OM14-2949 + 50% OM14-3708

End of report

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