



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ribblesdale Works
2018
1333-CPD-00127
BS EN 197-1:2011
CEM I 52,5N(1)



Cement Test Report

Hanson Cement
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Results of tests made at the laboratories of the company on samples of
Ribble Portland Cement, BS EN 197-1:2011 - CEM I 52,5N(1).

Manufactured at Ribblesdale during week ending 02 Sep 2018 (Week No. 35)
and during week ending 12 Aug 2018 (Week No. 32) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
28-Aug-18	410			32.0	46.5			0.70	
29-Aug-18	410	135	1	32.5	48.0			0.70	
30-Aug-18	430	125	1	33.5	48.5			0.70	
31-Aug-18	425	130	1	34.5	51.0			0.70	
Average	420	130	1	33.0	48.5		0.06		0.02
06-Aug-18	415			33.5	46.5	61.0		0.71	
07-Aug-18	400			34.5	48.5	62.5		0.71	
08-Aug-18	390			29.5	43.5	56.5		0.71	
09-Aug-18	410			33.0	50.0	62.0		0.71	
10-Aug-18	415			33.5	48.0	61.0		0.71	
Average	405			33.0	47.5	60.5	0.06		0.02

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT

National Technical Manager
Hanson Cement

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