



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ribblesdale Works
1333-CPR-00127



Cement Test Report

Hanson Cement
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Results of tests made at the laboratories of the company on samples of
Ribblesdale PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Ribblesdale during week ending
and during week ending

29-May-22 (Week No. 2022-21)

08-May-22 (Week No. 2022-18) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				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)			
23-May-22	415	150	1	37.5	52.5		0.06	0.67	0.03
24-May-22	425	145	1	37.0	51.0		0.06	0.67	0.03
25-May-22	425	150	1	38.0	53.0		0.06	0.67	0.03
26-May-22	435	130	0	36.0	49.5		0.06	0.67	0.03
27-May-22	435	140	1	37.0	50.0		0.06	0.67	0.03
Average	425	145	1	37.0	51.0		0.06		0.03
03-May-22	415	160	0	34.5	49.0	63.0	0.06	0.67	0.03
04-May-22	400	165	0	34.0	49.5	60.5	0.06	0.67	0.03
05-May-22	425	165	1	34.5	48.0	60.0	0.06	0.67	0.03
06-May-22	420	160	1	34.5	48.0	61.0	0.06	0.67	0.03
Average	415	165	1	34.5	48.5	61.0	0.06		0.03

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT

Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
Hanson Cement

Hanson Cement has used all reasonable care to ensure the
information herein contained is accurate but to the extent
permitted in law, no liability can be accepted by Hanson
Cement for any loss, damage, cost or expense arising from
any inaccuracy, whether due to negligence or otherwise.