



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

16-Oct-22 (Week No. 2022-41)
25-Sep-22 (Week No. 2022-38) 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)			
10-Oct-22	390	165	0	38.5	52.5		0.06	0.68	0.02
11-Oct-22	375	145	0	38.0	52.5		0.06	0.68	0.02
12-Oct-22	395	160	1	35.5	50.5		0.06	0.68	0.02
13-Oct-22	395	170	1	35.5	50.0		0.06	0.68	0.02
14-Oct-22	395	155	1	36.5	50.0		0.06	0.68	0.02
Average	390	160	1	37.0	51.0		0.06		0.02
20-Sep-22	425	140	1	38.0	51.0	65.0	0.06	0.68	0.01
21-Sep-22	415	140	1	37.0	49.5	60.5	0.06	0.68	0.01
22-Sep-22	400	145	1	36.5	51.0	63.0	0.06	0.68	0.01
23-Sep-22	415	145	0	37.5	51.5	64.0	0.06	0.68	0.01
Average	415	145	1	37.5	51.0	63.0	0.06		0.01

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.