



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
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

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-Jan-23 (Week No. 2023-4)
08-Jan-23 (Week No. 2023-1) 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)			
23-Jan-23	425	130	1	35.0	49.0		0.06	0.66	0.03
24-Jan-23	405	130	0	34.0	50.0		0.06	0.66	0.03
25-Jan-23	395	130	1	35.5	48.5		0.06	0.66	0.03
26-Jan-23	390	160	0	35.0	49.5		0.07	0.67	0.02
27-Jan-23	400	155	1	36.0	50.5		0.07	0.67	0.02
Average	405	140	1	35.0	49.5		0.06		0.02
03-Jan-23	415	150	0	36.0	50.5	63.0	0.06	0.67	0.03
04-Jan-23	420	140	0	35.5	50.5	63.5	0.06	0.67	0.03
05-Jan-23	400	140	1	37.0	49.5	62.0	0.06	0.67	0.03
06-Jan-23	375	125	1	36.0	51.0	61.5	0.06	0.67	0.03
Average	405	140	1	36.0	50.5	62.5	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.