



Heidelberg Materials UK
 Second Floor, Arena Court, Crown Lane
 Maidenhead, Berkshire, SL6 8QZ
 Ribblesdale Works
 1333-CPR-00127



Cement Test Report

Heidelberg Materials UK
 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

24-Dec-23 (Week No. 2023-51)
 03-Dec-23 (Week No. 2023-48) 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)			
18-Dec-23	390	125	1	34.0	47.0		0.05	0.70	0.03
19-Dec-23	395	120	2	33.0	45.5		0.05	0.70	0.03
20-Dec-23	400	120	1	32.0	46.5		0.05	0.70	0.03
Average									
27-Nov-23	390	150	1	31.5	45.0	58.5	0.06	0.70	0.03
28-Nov-23	375	155	1	31.0	47.0	59.5	0.06	0.70	0.03
29-Nov-23	400	130	1	34.0	47.5	60.0	0.06	0.70	0.03
30-Nov-23	400	135	1	33.5	46.5	57.5	0.06	0.70	0.03
01-Dec-23	405	135	1	33.5	49.0	60.0	0.06	0.70	0.03
Average	395	140	1	32.5	47.0	59.0	0.06		0.03

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
 HEIDELBERG MATERIALS UK

Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
 National Technical Manager
 Heidelberg Materials UK

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