



Heidelberg Materials UK
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 Maidenhead, Berkshire, SL6 8QZ
 Ribblesdale Works
 1333-CPR-00127



Cement Test Report

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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

31-Dec-23 (Week No. 2023-52)

10-Dec-23 (Week No. 2023-49) 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)			
Average									
04-Dec-23	380	140	1	34.5	49.0	59.0	0.06	0.69	0.03
05-Dec-23	400	145	1	32.0	46.5	55.0	0.06	0.69	0.03
06-Dec-23	385	155	1	31.5	45.5	59.0	0.06	0.69	0.03
07-Dec-23	405	145	1	31.0	46.5	57.5	0.05	0.69	0.03
08-Dec-23	390	140	1	31.5	47.5	57.0	0.05	0.69	0.03
Average	390	145	1	32.0	47.0	57.5	0.05		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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