



Heidelberg Materials UK
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 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

07-Jul-24 (Week No. 2024-27)
 16-Jun-24 (Week No. 2024-24) 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)			
01-Jul-24	410	165	1	29.0	43.5		0.07	0.66	0.03
02-Jul-24	385	160	1	31.0	46.0		0.06	0.66	0.03
03-Jul-24	415	165	1	29.5	43.5		0.06	0.66	0.03
04-Jul-24	410	160	1	30.0	43.5		0.06	0.66	0.03
05-Jul-24	410	165	1	31.0	46.0		0.06	0.65	0.04
Average	405	165	1	30.0	44.5		0.06		0.03
10-Jun-24	410	155	1	32.0	45.0	59.5	0.07	0.67	0.03
11-Jun-24	390	155	1	32.5	46.0	58.5	0.07	0.67	0.03
12-Jun-24	400	160	1	32.0	44.0	62.0	0.07	0.67	0.03
13-Jun-24	410	160	1	32.0	46.0	61.0	0.07	0.66	0.03
14-Jun-24	425	150	1	33.0	47.5	57.5	0.07	0.66	0.03
Average	405	155	1	32.5	45.5	59.5	0.07		0.03

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)
 Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
 HEIDELBERG MATERIALS UK

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

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