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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-Apr-24 (Week No. 2024-14)
 17-Mar-24 (Week No. 2024-11) 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)			
02-Apr-24	410	140	0	31.5	43.5		0.06	0.67	0.03
03-Apr-24	410	145	1	31.5	44.0		0.06	0.67	0.03
04-Apr-24	410	145	1	34.5	46.0		0.06	0.67	0.03
05-Apr-24	385	150	1	33.5	45.0		0.06	0.68	0.03
Average	405	145	1	33.0	44.5		0.06		0.03
11-Mar-24	385	145	1	32.0	43.0	55.0	0.05	0.68	0.03
12-Mar-24	395	140	2	31.5	45.5	57.5	0.06	0.68	0.03
13-Mar-24	390	135	2	32.5	45.0	56.5	0.06	0.68	0.03
14-Mar-24	400	145	1	34.0	46.5	58.5	0.06	0.68	0.03
15-Mar-24	400	160	0	33.0	45.0	57.5	0.06	0.68	0.03
Average	395	145	1	32.5	45.0	57.0	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, MICT
 National Technical Manager
 Heidelberg Materials UK

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