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Ribblesdale Works
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Heidelberg Materials

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 25-Oct-26 (Week No. 2026-42)
and during week ending 04-Oct-26 (Week No. 2026-39) 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			mean of 25 %	Certified Average of 25 Alkali % Na_2O eq	Standard Deviation
				2 Days (N/mm^2)	7 Days (N/mm^2)	28 Days (N/mm^2)			
19-Oct-26	410	135	1	39.0	50.0		0.07	0.68	0.03
20-Oct-26	410	130		39.0	51.0		0.07	0.68	0.03
21-Oct-26	410	130		38.5	48.0		0.07	0.68	0.03
22-Oct-26	410	140		37.5	52.5		0.07	0.68	0.03
23-Oct-26	410	140		39.0	52.5		0.07	0.68	0.04
Average	410	135		38.5	51.0				
28-Sep-26	400	135	1	39.0	50.0	61.5	0.07	0.67	0.03
29-Sep-26	410	130		39.5	52.5	60.5	0.07	0.67	0.03
30-Sep-26	405	160		39.5	50.5	62.0	0.07	0.67	0.03
01-Oct-26	405	145		40.0	51.0	64.0	0.07	0.67	0.03
02-Oct-26	400	155		40.5	53.5	64.5	0.07	0.67	0.03
Average	405	145		39.5	51.5	62.5			

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

For and on behalf of
HEIDELBERG MATERIALS UK

Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
Heidelberg Materials UK

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