



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

10-Dec-23 (Week No. 2023-49)
19-Nov-23 (Week No. 2023-46) 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			%	Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
04-Dec-23	380	140	1	34.5	49.0		0.06	0.69	0.03
05-Dec-23	400	145	1	32.0	46.5		0.06	0.69	0.03
06-Dec-23	385	155	1	31.5	45.5		0.06	0.69	0.03
07-Dec-23	405	145	1	31.0	46.5		0.05	0.69	0.03
08-Dec-23	390	140	1	31.5	47.5		0.05	0.69	0.03
Average	390	145	1	32.0	47.0		0.05		0.03
13-Nov-23	400	145	0	32.0	47.0	54.5	0.06	0.69	0.03
14-Nov-23	405	140	1	31.0	44.5	56.0	0.06	0.69	0.03
15-Nov-23	390	135	1	32.5	45.0	57.0	0.06	0.69	0.03
16-Nov-23	390	145	1	32.5	47.5	59.0	0.06	0.69	0.03
17-Nov-23	385	135	1	35.5	47.5	58.0	0.06	0.69	0.03
Average	395	140	1	32.5	46.5	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, MiMMM
National Technical Manager
Heidelberg Materials UK

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