Heidelberg Materials UK
Second Floor, Arena Court, Crown Lane
Maidenhead, Berkshire, SL6 8QZ
Ribblesdale Works
1333-CPR-00127

UK CA
1333

Heidelberg Materials

Cement Test Report

Heidelberg Materials
UK
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

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 18-Oct-26 (Week No. 2026-41)
and during week ending 27-Sep-26 (Week No. 2026-38) 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)			
12-Oct-26	415	140	0	39.0	51.0		0.07	0.68	0.03
13-Oct-26	425	135		41.0	53.5		0.07	0.67	0.03
14-Oct-26	410	135		37.5	49.0		0.07	0.68	0.03
15-Oct-26	420	130		40.0	51.5		0.07	0.68	0.03
16-Oct-26	400	140		39.5	53.0		0.07	0.68	0.03
Average	415	135		39.5	51.5				
21-Sep-26	405	135	1	41.5	53.0	63.0	0.07	0.68	0.03
22-Sep-26	405	150		40.5	53.0	62.5	0.07	0.68	0.03
23-Sep-26	410	145		41.0	53.0	63.5	0.07	0.68	0.03
24-Sep-26	405	145		39.5	53.5	63.0	0.07	0.67	0.03
25-Sep-26	405	145		39.5	52.5	60.0	0.07	0.67	0.03
Average	405	145		40.5	53.0	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

Heidelberg Materials UK has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Heidelberg Materials UK for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.