



Hanson UK  
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Maidenhead, Berkshire, SL6 8QZ  
Ribblesdale Works  
1333-CPR-00248



## Cement Test Report

Hanson Cement  
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Results of tests made at the laboratories of the company on samples of  
Ribblesdale PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Ribblesdale during week ending 24-Sep-23 (Week No. 2023-38 )  
and during week ending 03-Sep-23 (Week No. 2023-35 ) for 28 day results


Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m <sup>2</sup> /kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )			
18-Sep-23	440	145	1	35.5	48.5		0.06	0.61	0.05
22-Sep-23	445	150	1	37.0	50.0		0.06	0.62	0.06
Average	445	150	1	36.5	49.5		0.06		0.05
01-Sep-23	470	135	1	38.5	51.0	61.5	0.06	0.61	0.05
Average	470	135	1	38.5	51.0	61.5	0.06		0.05

### Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of  
HANSON CEMENT

  
Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM  
National Technical Manager  
Hanson Cement

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