

Chemical Report

Heidelberg Materials

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Composition of Ribblesdale PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Ribblesdale

Chemical analysis for week ending 21-Jul-24

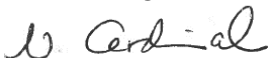
Week No. 2024-29

Compound	%
SiO ₂	20.34
Al ₂ O ₃	4.59
Fe ₂ O ₃	2.53
CaO	64.66
MgO	1.98
SO ₃	3.40
K ₂ O	0.59
Na ₂ O	0.29
Cl	0.07
Loss on Ignition	3.69
Not Detected	-2.14
Total	102.14

	%
Insol Residue	0.52
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	97.30

Clinker compounds by Rietveld analysis	
C ₃ S	57.3
C ₂ S	20.6
C ₃ A	4.3
C ₄ AF	8.4

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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