

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 26-May-24

Week No. 2024-21

Compound	%
SiO ₂	20.33
Al ₂ O ₃	4.65
Fe ₂ O ₃	2.28
CaO	64.78
MgO	2.05
SO ₃	3.42
K ₂ O	0.61
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	2.99
Not Detected	-1.41
Total	101.41

	%
Insol Residue	0.54
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	97.56

Clinker compounds by Rietveld analysis	
C ₃ S	57.4
C ₂ S	21.4
C ₃ A	4.6
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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