

## 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 24-Mar-24


Week No. 2024-12

Compound	%
SiO <sub>2</sub>	19.24
Al <sub>2</sub> O <sub>3</sub>	4.81
Fe <sub>2</sub> O <sub>3</sub>	2.39
CaO	64.53
MgO	2.35
SO <sub>3</sub>	3.45
K <sub>2</sub> O	0.63
Na <sub>2</sub> O	0.24
Cl	0.05
Loss on Ignition	3.35
Not Detected	-1.06
Total	101.06

	%
Insol Residue	0.67
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.67
LSF (x 100)	101.52

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	59.5
C <sub>2</sub> S	17.9
C <sub>3</sub> A	6.6
C <sub>4</sub> AF	6.2

For and on behalf of  
HEIDELBERG MATERIALS UK



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