

Chemical Report

Heidelberg Materials

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Composition of Padeswood PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 28-Jan-24

Week No. 2024-4

Compound	%
SiO ₂	19.34
Al ₂ O ₃	4.89
Fe ₂ O ₃	2.69
CaO	62.89
MgO	1.12
SO ₃	3.51
K ₂ O	0.62
Na ₂ O	0.22
Cl	0.05
Loss on Ignition	n/a
Not Detected	4.67
Total	95.33

	%
Insol Residue	n/a
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	97.84

Clinker compounds by Rietveld analysis	
C ₃ S	61.9
C ₂ S	5.7
C ₃ A	7.8
C ₄ AF	5.0

For and on behalf of
HEIDELBERG MATERIALS UK



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