

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 21-Jan-24

Week No. 2024-3

Compound	%
SiO ₂	19.56
Al ₂ O ₃	4.92
Fe ₂ O ₃	2.78
CaO	62.93
MgO	1.13
SO ₃	3.66
K ₂ O	0.61
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	n/a
Not Detected	4.15
Total	95.85

	%
Insol Residue	n/a
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	96.62

Clinker compounds by Rietveld analysis	
C ₃ S	56.2
C ₂ S	12.8
C ₃ A	7.9
C ₄ AF	4.9

For and on behalf of
HEIDELBERG MATERIALS UK



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