

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 4-Feb-24

Week No. 2024-5

Compound	%
SiO ₂	19.29
Al ₂ O ₃	4.86
Fe ₂ O ₃	2.58
CaO	63.56
MgO	1.19
SO ₃	3.64
K ₂ O	0.58
Na ₂ O	0.23
Cl	0.04
Loss on Ignition	n/a
Not Detected	4.04
Total	95.96

	%
Insol Residue	n/a
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	99.28

Clinker compounds by Rietveld analysis	
C ₃ S	60.2
C ₂ S	7.6
C ₃ A	7.4
C ₄ AF	4.4

For and on behalf of
HEIDELBERG MATERIALS UK



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