

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 24-Nov-24

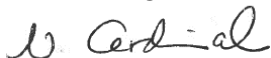
Week No. 2024-47

Compound	%
SiO ₂	19.26
Al ₂ O ₃	5.15
Fe ₂ O ₃	3.06
CaO	62.29
MgO	1.03
SO ₃	2.80
K ₂ O	0.40
Na ₂ O	0.17
Cl	0.04
Loss on Ignition	n/a
Not Detected	5.82
Total	94.18

	%
Insol Residue	n/a
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.52
LSF (x 100)	97.19

Clinker compounds by Rietveld analysis	
C ₃ S	55.7
C ₂ S	9.4
C ₃ A	7.8
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



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