

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 22-Sep-24

Week No. 2024-38

Compound	%
SiO ₂	19.06
Al ₂ O ₃	5.03
Fe ₂ O ₃	3.11
CaO	62.44
MgO	1.11
SO ₃	3.12
K ₂ O	0.36
Na ₂ O	0.19
Cl	0.03
Loss on Ignition	n/a
Not Detected	5.55
Total	94.45

	%
Insol Residue	n/a
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.55
LSF (x 100)	98.10

Clinker compounds by Rietveld analysis	
C ₃ S	55.5
C ₂ S	9.1
C ₃ A	7.7
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



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