

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 8-Sep-24

Week No. 2024-36

Compound	%
SiO ₂	19.17
Al ₂ O ₃	5.05
Fe ₂ O ₃	3.10
CaO	62.64
MgO	1.10
SO ₃	3.21
K ₂ O	0.39
Na ₂ O	0.17
Cl	0.03
Loss on Ignition	n/a
Not Detected	5.14
Total	94.86

	%
Insol Residue	n/a
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	97.80

Clinker compounds by Rietveld analysis	
C ₃ S	56.0
C ₂ S	9.5
C ₃ A	7.9
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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