

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 18-Aug-24

Week No. 2024-33

Compound	%
SiO ₂	19.45
Al ₂ O ₃	5.08
Fe ₂ O ₃	3.14
CaO	62.55
MgO	1.13
SO ₃	3.16
K ₂ O	0.43
Na ₂ O	0.18
Cl	0.03
Loss on Ignition	n/a
Not Detected	4.85
Total	95.15

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.58
LSF (x 100)	96.41

Clinker compounds by Rietveld analysis	
C ₃ S	58.8
C ₂ S	7.8
C ₃ A	6.7
C ₄ AF	8.4

For and on behalf of
HEIDELBERG MATERIALS UK



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