

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 03-Mar-24

Week No. 2024-9

Compound	%
SiO ₂	19.96
Al ₂ O ₃	4.99
Fe ₂ O ₃	2.71
CaO	63.91
MgO	1.14
SO ₃	3.39
K ₂ O	0.61
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.05
Total	96.95

	%
Insol Residue	n/a
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.58
LSF (x 100)	96.73

Clinker compounds by Rietveld analysis	
C ₃ S	55.4
C ₂ S	8.8
C ₃ A	8.1
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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