

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 28-Apr-24

Week No. 2024-17

Compound	%
SiO ₂	18.88
Al ₂ O ₃	4.87
Fe ₂ O ₃	2.95
CaO	62.89
MgO	1.00
SO ₃	3.50
K ₂ O	0.57
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	n/a
Not Detected	5.09
Total	94.91

	%
Insol Residue	n/a
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.59
LSF (x 100)	99.72

Clinker compounds by Rietveld analysis	
C ₃ S	63.3
C ₂ S	5.6
C ₃ A	5.8
C ₄ AF	7.6

For and on behalf of
HEIDELBERG MATERIALS UK



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