

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 05-May-24

Week No. 2024-18

Compound	%
SiO ₂	18.87
Al ₂ O ₃	4.86
Fe ₂ O ₃	2.95
CaO	62.87
MgO	1.00
SO ₃	3.45
K ₂ O	0.56
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	n/a
Not Detected	5.18
Total	94.82

	%
Insol Residue	n/a
Free CaO	1.8
Certified Average Alkali Na ₂ O (Equiv)	0.59
LSF (x 100)	99.79

Clinker compounds by Rietveld analysis	
C ₃ S	61.3
C ₂ S	6.7
C ₃ A	6.0
C ₄ AF	7.6

For and on behalf of
HEIDELBERG MATERIALS UK



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