

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 25-Feb-24

Week No. 2024-8

Compound	%
SiO ₂	20.15
Al ₂ O ₃	5.13
Fe ₂ O ₃	2.76
CaO	64.26
MgO	1.14
SO ₃	3.38
K ₂ O	0.63
Na ₂ O	0.23
Cl	0.04
Loss on Ignition	n/a
Not Detected	2.28
Total	97.72

	%
Insol Residue	n/a
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.58
LSF (x 100)	96.15

Clinker compounds by Rietveld analysis	
C ₃ S	55.1
C ₂ S	9.3
C ₃ A	8.0
C ₄ AF	6.8

For and on behalf of
HEIDELBERG MATERIALS UK



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