

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 10-Nov-24

Week No. 2024-45

Compound	%
SiO ₂	19.32
Al ₂ O ₃	5.06
Fe ₂ O ₃	3.00
CaO	62.43
MgO	1.02
SO ₃	2.83
K ₂ O	0.40
Na ₂ O	0.17
Cl	0.04
Loss on Ignition	n/a
Not Detected	5.73
Total	94.27

	%
Insol Residue	n/a
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.54
LSF (x 100)	97.29

Clinker compounds by Rietveld analysis	
C ₃ S	55.7
C ₂ S	10.6
C ₃ A	8.4
C ₄ AF	6.3

For and on behalf of
HEIDELBERG MATERIALS UK



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