

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

PE9 3SX

Tel: 0330 123 2074

Fax: 01780 727008

Composition of Padeswood PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 11-Feb-24

Week No. 2024-6

Compound	%
SiO ₂	18.59
Al ₂ O ₃	4.75
Fe ₂ O ₃	2.55
CaO	63.45
MgO	1.21
SO ₃	3.77
K ₂ O	0.56
Na ₂ O	0.23
Cl	0.05
Loss on Ignition	n/a
Not Detected	4.86
Total	95.14

	%
Insol Residue	n/a
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	102.36

Clinker compounds by Rietveld analysis	
C ₃ S	59.8
C ₂ S	5.0
C ₃ A	7.6
C ₄ AF	4.5

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
National Technical Manager
Heidelberg Materials UK

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