

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

PE9 3SX

Tel: 0330 123 2074

Fax: 01780 727008

Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 11-Feb-24

Week No. 2024-6

Compound	%
SiO ₂	20.04
Al ₂ O ₃	5.14
Fe ₂ O ₃	2.79
CaO	65.61
MgO	1.04
SO ₃	3.16
K ₂ O	0.66
Na ₂ O	0.22
Cl	0.05
Loss on Ignition	4.40
Not Detected	-3.10
Total	103.10

	%
Insol Residue	1.21
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	98.97

Clinker compounds by Rietveld analysis	
C ₃ S	65.4
C ₂ S	8.5
C ₃ A	8.4
C ₄ AF	4.8

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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