

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 6-Oct-24

Week No. 2024-40

Compound	%
SiO ₂	19.94
Al ₂ O ₃	5.10
Fe ₂ O ₃	3.01
CaO	64.98
MgO	1.03
SO ₃	3.24
K ₂ O	0.46
Na ₂ O	0.18
Cl	0.04
Loss on Ignition	3.47
Not Detected	-1.44
Total	101.44

	%
Insol Residue	1.40
Free CaO	2.2
Certified Average Alkali Na ₂ O (Equiv)	0.49
LSF (x 100)	98.16

Clinker compounds by Rietveld analysis	
C ₃ S	60.6
C ₂ S	8.8
C ₃ A	9.0
C ₄ AF	6.2

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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