

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 28-Jul-24

Week No. 2024-30

Compound	%
SiO ₂	20.19
Al ₂ O ₃	5.15
Fe ₂ O ₃	3.32
CaO	64.40
MgO	1.04
SO ₃	3.35
K ₂ O	0.48
Na ₂ O	0.21
Cl	0.03
Loss on Ignition	2.86
Not Detected	-1.02
Total	101.02

	%
Insol Residue	1.06
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.54
LSF (x 100)	95.68

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	10.2
C ₃ A	7.4
C ₄ AF	8.3

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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