

## 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 14-Jun-26

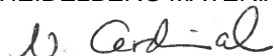
Week No. 2026-23

Compound	%
SiO <sub>2</sub>	20.49
Al <sub>2</sub> O <sub>3</sub>	5.22
Fe <sub>2</sub> O <sub>3</sub>	3.28
CaO	64.46
MgO	1.07
SO <sub>3</sub>	3.30
K <sub>2</sub> O	0.52
Na <sub>2</sub> O	0.21
Cl	0.02
Loss on Ignition	2.80
Not Detected	-1.37
Total	101.37

	%
Insol Residue	1.30
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.57
LSF (x 100)	94.50

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.8
C <sub>2</sub> S	13.2
C <sub>3</sub> A	7.5
C <sub>4</sub> AF	8.0

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
Technical Strategy Director  
Heidelberg Materials UK

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