

## 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 03-May-26

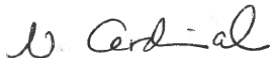
Week No. 2026-17

Compound	%
SiO <sub>2</sub>	20.46
Al <sub>2</sub> O <sub>3</sub>	5.34
Fe <sub>2</sub> O <sub>3</sub>	3.05
CaO	63.62
MgO	1.15
SO <sub>3</sub>	3.50
K <sub>2</sub> O	0.62
Na <sub>2</sub> O	0.28
Cl	0.07
Loss on Ignition	2.94
Not Detected	-1.01
Total	101.01

	%
Insol Residue	1.35
Free CaO	0.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.56
LSF (x 100)	93.14

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	55.5
C <sub>2</sub> S	15.8
C <sub>3</sub> A	9.0
C <sub>4</sub> AF	6.5

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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