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 25-Oct-26 Week No. 2026-42

Compound	%
SiO_2	20.38
Al_2O_3	5.40
Fe_2O_3	2.87
CaO	64.75
MgO	1.04
SO_3	3.46
K_2O	0.48
Na_2O	0.19
Cl	0.04
Loss on Ignition	3.04
Not Detected	-1.64
Total	101.64

	%
Insol Residue	1.21
Free CaO	0.5
Certified Average Alkali Na_2O (Equiv)	0.54
LSF (x 100)	95.30

Clinker compounds by Rietveld analysis	
C_3S	57.0
C_2S	13.6
C_3A	9.8
C_4AF	5.9

For and on behalf of
HEIDELBERG MATERIALS UK

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

Heidelberg Materials UK has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Heidelberg Materials UK for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.