

Chemical Report

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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Padeswood
Chemical analysis for week ending 10-May-26

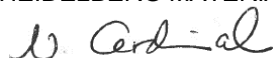
Week No. 2026-18

Compound	%
SiO ₂	20.21
Al ₂ O ₃	5.15
Fe ₂ O ₃	3.01
CaO	63.95
MgO	1.09
SO ₃	3.53
K ₂ O	0.57
Na ₂ O	0.23
Cl	0.07
Loss on Ignition	2.94
Not Detected	-0.73
Total	100.73

	%
Insol Residue	1.35
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	95.04

Clinker compounds by Rietveld analysis	
C ₃ S	57.5
C ₂ S	13.6
C ₃ A	8.5
C ₄ AF	6.6

For and on behalf of
HEIDELBERG MATERIALS UK



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