

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 06-Sep-26

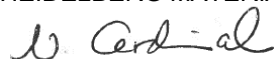
Week No. 2026-35

Compound	%
SiO ₂	20.38
Al ₂ O ₃	5.31
Fe ₂ O ₃	3.09
CaO	64.64
MgO	1.03
SO ₃	3.48
K ₂ O	0.49
Na ₂ O	0.22
Cl	0.03
Loss on Ignition	3.08
Not Detected	-1.73
Total	101.73

	%
Insol Residue	1.57
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	95.06

Clinker compounds by Rietveld analysis	
C ₃ S	56.2
C ₂ S	14.9
C ₃ A	8.2
C ₄ AF	7.3

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
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