

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 12-Jul-26

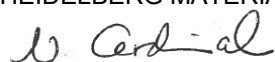
Week No. 2026-27

Compound	%
SiO ₂	20.31
Al ₂ O ₃	5.21
Fe ₂ O ₃	3.24
CaO	64.90
MgO	1.05
SO ₃	3.46
K ₂ O	0.51
Na ₂ O	0.20
Cl	0.01
Loss on Ignition	2.80
Not Detected	-1.67
Total	101.67

	%
Insol Residue	1.30
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	95.79

Clinker compounds by Rietveld analysis	
C ₃ S	57.9
C ₂ S	12.3
C ₃ A	7.6
C ₄ AF	7.7

For and on behalf of
HEIDELBERG MATERIALS UK



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