

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 30-Aug-26

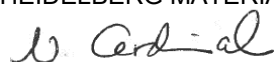
Week No. 2026-34

Compound	%
SiO ₂	20.25
Al ₂ O ₃	5.29
Fe ₂ O ₃	3.06
CaO	64.92
MgO	1.06
SO ₃	3.50
K ₂ O	0.56
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	3.08
Not Detected	-1.97
Total	101.97

	%
Insol Residue	1.57
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.55
LSF (x 100)	96.08

Clinker compounds by Rietveld analysis	
C ₃ S	57.5
C ₂ S	13.2
C ₃ A	8.0
C ₄ AF	7.3

For and on behalf of
HEIDELBERG MATERIALS UK



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