

Chemical Report

Heidelberg Materials

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Composition of Padeswood PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 12-Oct-25

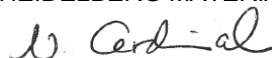
Week No. 2025-40

Compound	%
SiO ₂	19.40
Al ₂ O ₃	5.03
Fe ₂ O ₃	2.97
CaO	62.93
MgO	1.04
SO ₃	3.11
K ₂ O	0.40
Na ₂ O	0.19
Cl	0.04
Loss on Ignition	n/a
Not Detected	4.89
Total	95.11

	%
Insol Residue	n/a
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.45
LSF (x 100)	97.54

Clinker compounds by Rietveld analysis	
C ₃ S	56.8
C ₂ S	8.2
C ₃ A	7.3
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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