

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 17-Aug-25

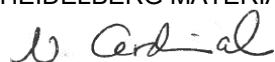
Week No. 2025-32

Compound	%
SiO ₂	18.48
Al ₂ O ₃	4.92
Fe ₂ O ₃	2.68
CaO	62.29
MgO	0.99
SO ₃	3.23
K ₂ O	0.40
Na ₂ O	0.16
Cl	0.03
Loss on Ignition	n/a
Not Detected	6.81
Total	93.19

	%
Insol Residue	n/a
Free CaO	3.2
Certified Average Alkali Na ₂ O (Equiv)	0.48
LSF (x 100)	101.08

Clinker compounds by Rietveld analysis	
C ₃ S	57.6
C ₂ S	6.7
C ₃ A	7.8
C ₄ AF	6.4

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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