

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 19-Oct-25

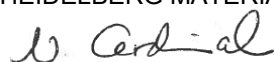
Week No. 2025-41

Compound	%
SiO ₂	18.86
Al ₂ O ₃	4.96
Fe ₂ O ₃	2.83
CaO	62.61
MgO	0.99
SO ₃	3.25
K ₂ O	0.43
Na ₂ O	0.17
Cl	0.04
Loss on Ignition	n/a
Not Detected	5.87
Total	94.13

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.45
LSF (x 100)	99.56

Clinker compounds by Rietveld analysis	
C ₃ S	57.0
C ₂ S	6.8
C ₃ A	7.8
C ₄ AF	6.5

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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