

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 07-Sep-25

Week No. 2025-35

Compound	%
SiO ₂	18.43
Al ₂ O ₃	4.92
Fe ₂ O ₃	2.56
CaO	61.41
MgO	0.96
SO ₃	2.97
K ₂ O	0.40
Na ₂ O	0.16
Cl	0.03
Loss on Ignition	n/a
Not Detected	8.16
Total	91.84

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.46
LSF (x 100)	100.27

Clinker compounds by Rietveld analysis	
C ₃ S	58.0
C ₂ S	7.0
C ₃ A	8.7
C ₄ AF	5.7

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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