

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 10-Aug-25

Week No. 2025-31

Compound	%
SiO ₂	18.59
Al ₂ O ₃	4.95
Fe ₂ O ₃	2.75
CaO	62.04
MgO	0.98
SO ₃	3.08
K ₂ O	0.43
Na ₂ O	0.17
Cl	0.04
Loss on Ignition	n/a
Not Detected	6.97
Total	93.03

	%
Insol Residue	n/a
Free CaO	2.4
Certified Average Alkali Na ₂ O (Equiv)	0.50
LSF (x 100)	100.17

Clinker compounds by Rietveld analysis	
C ₃ S	56.8
C ₂ S	7.0
C ₃ A	7.8
C ₄ AF	6.5

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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