

## 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 14-Jan-24

Week No. 2024-2

Compound	%
SiO <sub>2</sub>	19.79
Al <sub>2</sub> O <sub>3</sub>	4.93
Fe <sub>2</sub> O <sub>3</sub>	2.84
CaO	62.85
MgO	1.13
SO <sub>3</sub>	3.56
K <sub>2</sub> O	0.59
Na <sub>2</sub> O	0.21
Cl	0.03
Loss on Ignition	n/a
Not Detected	4.09
Total	95.91

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.55
LSF (x 100)	95.57

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	55.7
C <sub>2</sub> S	13.8
C <sub>3</sub> A	7.2
C <sub>4</sub> AF	4.6

For and on behalf of  
HEIDELBERG MATERIALS UK



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