

## 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 12-May-24

Week No. 2024-19

Compound	%
SiO <sub>2</sub>	19.11
Al <sub>2</sub> O <sub>3</sub>	4.77
Fe <sub>2</sub> O <sub>3</sub>	2.97
CaO	65.10
MgO	1.03
SO <sub>3</sub>	3.00
K <sub>2</sub> O	0.40
Na <sub>2</sub> O	0.17
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.43
Total	96.57

	%
Insol Residue	n/a
Free CaO	2.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.59
LSF (x 100)	103.02

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.1
C <sub>2</sub> S	4.7
C <sub>3</sub> A	6.5
C <sub>4</sub> AF	6.9

For and on behalf of  
HEIDELBERG MATERIALS UK



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