

## 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 04-Aug-24

Week No. 2024-31

Compound	%
SiO <sub>2</sub>	19.04
Al <sub>2</sub> O <sub>3</sub>	4.87
Fe <sub>2</sub> O <sub>3</sub>	3.05
CaO	63.02
MgO	1.05
SO <sub>3</sub>	3.39
K <sub>2</sub> O	0.46
Na <sub>2</sub> O	0.18
Cl	0.05
Loss on Ignition	n/a
Not Detected	4.90
Total	95.10

	%
Insol Residue	n/a
Free CaO	1.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.59
LSF (x 100)	99.19

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.5
C <sub>2</sub> S	5.7
C <sub>3</sub> A	6.2
C <sub>4</sub> AF	7.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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