

## 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 17-Nov-24

Week No. 2024-46

Compound	%
SiO <sub>2</sub>	19.35
Al <sub>2</sub> O <sub>3</sub>	5.10
Fe <sub>2</sub> O <sub>3</sub>	3.01
CaO	62.51
MgO	1.02
SO <sub>3</sub>	2.69
K <sub>2</sub> O	0.40
Na <sub>2</sub> O	0.17
Cl	0.04
Loss on Ignition	n/a
Not Detected	5.74
Total	94.26

	%
Insol Residue	n/a
Free CaO	1.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.53
LSF (x 100)	97.40

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	56.2
C <sub>2</sub> S	9.9
C <sub>3</sub> A	8.1
C <sub>4</sub> AF	6.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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