

## Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

PE9 3SX

Tel: 0330 123 2074

Fax: 01780 727008

Composition of Padeswood PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 01-Dec-24

Week No. 2024-48

Compound	%
SiO <sub>2</sub>	19.29
Al <sub>2</sub> O <sub>3</sub>	5.05
Fe <sub>2</sub> O <sub>3</sub>	3.00
CaO	62.14
MgO	1.00
SO <sub>3</sub>	2.95
K <sub>2</sub> O	0.41
Na <sub>2</sub> O	0.18
Cl	0.04
Loss on Ignition	n/a
Not Detected	5.94
Total	94.06

	%
Insol Residue	n/a
Free CaO	0.9
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.50
LSF (x 100)	96.86

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.1
C <sub>2</sub> S	8.1
C <sub>3</sub> A	7.5
C <sub>4</sub> AF	7.6

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
National Technical Manager  
Heidelberg Materials UK

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