

## Chemical Report

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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-Jul-24

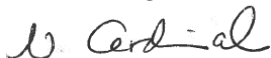
Week No. 2024-28

Compound	%
SiO <sub>2</sub>	19.08
Al <sub>2</sub> O <sub>3</sub>	4.90
Fe <sub>2</sub> O <sub>3</sub>	3.02
CaO	63.05
MgO	1.04
SO <sub>3</sub>	3.50
K <sub>2</sub> O	0.51
Na <sub>2</sub> O	0.19
Cl	0.06
Loss on Ignition	n/a
Not Detected	4.65
Total	95.35

	%
Insol Residue	n/a
Free CaO	1.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.59
LSF (x 100)	98.91

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.1
C <sub>2</sub> S	5.8
C <sub>3</sub> A	6.2
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  
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