

## Chemical Report

Hanson Cement  
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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 24-Jul-22

Week No. 2022-29

Compound	%
SiO <sub>2</sub>	19.02
Al <sub>2</sub> O <sub>3</sub>	4.74
Fe <sub>2</sub> O <sub>3</sub>	2.54
CaO	60.71
MgO	0.97
SO <sub>3</sub>	3.23
K <sub>2</sub> O	0.53
Na <sub>2</sub> O	0.21
Cl	0.04
Loss on Ignition	n/a
Not Detected	8.02
Total	91.98

	%
Insol Residue	n/a
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.52
LSF (x 100)	96.47

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.4
C <sub>2</sub> S	10.2
C <sub>3</sub> A	8.6
C <sub>4</sub> AF	3.7

For and on behalf of  
HANSON CEMENT



*Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM  
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Hanson Cement*

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