

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 10-Jul-22


Week No. 2022-27

Compound	%
SiO ₂	18.94
Al ₂ O ₃	4.70
Fe ₂ O ₃	2.52
CaO	61.54
MgO	0.97
SO ₃	3.06
K ₂ O	0.47
Na ₂ O	0.20
Cl	0.03
Loss on Ignition	n/a
Not Detected	7.56
Total	92.44

	%
Insol Residue	n/a
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	98.50

Clinker compounds by Rietveld analysis	
C ₃ S	62.9
C ₂ S	9.2
C ₃ A	8.8
C ₄ AF	3.6

For and on behalf of
HANSON CEMENT



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
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