

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 17-Jul-22


Week No. 2022-28

Compound	%
SiO ₂	19.06
Al ₂ O ₃	4.74
Fe ₂ O ₃	2.49
CaO	60.78
MgO	0.97
SO ₃	3.22
K ₂ O	0.52
Na ₂ O	0.21
Cl	0.04
Loss on Ignition	n/a
Not Detected	7.99
Total	92.01

	%
Insol Residue	n/a
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	96.52

Clinker compounds by Rietveld analysis	
C ₃ S	57.9
C ₂ S	9.4
C ₃ A	8.3
C ₄ AF	3.7

For and on behalf of
HANSON CEMENT



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
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