

Chemical Report

Heidelberg Materials

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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 28-Jan-24

Week No. 2024-4

Compound	%
SiO ₂	20.42
Al ₂ O ₃	5.30
Fe ₂ O ₃	2.71
CaO	65.59
MgO	1.08
SO ₃	3.52
K ₂ O	0.67
Na ₂ O	0.24
Cl	0.04
Loss on Ignition	n/a
Not Detected	0.44
Total	99.56

	%
Insol Residue	n/a
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	96.69

Clinker compounds by Rietveld analysis	
C ₃ S	66.3
C ₂ S	9.5
C ₃ A	8.3
C ₄ AF	4.7

For and on behalf of
HEIDELBERG MATERIALS UK



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