

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 18-Aug-24

Week No. 2024-33

Compound	%
SiO ₂	20.08
Al ₂ O ₃	4.96
Fe ₂ O ₃	3.47
CaO	64.26
MgO	1.05
SO ₃	3.44
K ₂ O	0.48
Na ₂ O	0.21
Cl	0.03
Loss on Ignition	3.66
Not Detected	-1.63
Total	101.63

	%
Insol Residue	0.33
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.52
LSF (x 100)	96.02

Clinker compounds by Rietveld analysis	
C ₃ S	61.6
C ₂ S	9.4
C ₃ A	6.0
C ₄ AF	9.1

For and on behalf of
HEIDELBERG MATERIALS UK



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