

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 17-Nov-24

Week No. 2024-46

Compound	%
SiO ₂	20.11
Al ₂ O ₃	5.05
Fe ₂ O ₃	3.08
CaO	64.76
MgO	1.05
SO ₃	3.38
K ₂ O	0.47
Na ₂ O	0.19
Cl	0.04
Loss on Ignition	3.74
Not Detected	-1.88
Total	101.88

	%
Insol Residue	0.73
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.49
LSF (x 100)	96.93

Clinker compounds by Rietveld analysis	
C ₃ S	60.2
C ₂ S	10.7
C ₃ A	7.5
C ₄ AF	6.8

For and on behalf of
HEIDELBERG MATERIALS UK



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