

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 20-Oct-24

Week No. 2024-42

Compound	%
SiO ₂	20.00
Al ₂ O ₃	5.09
Fe ₂ O ₃	3.21
CaO	64.33
MgO	1.02
SO ₃	3.37
K ₂ O	0.43
Na ₂ O	0.19
Cl	0.04
Loss on Ignition	3.47
Not Detected	-1.14
Total	101.14

	%
Insol Residue	1.40
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.48
LSF (x 100)	96.55

Clinker compounds by Rietveld analysis	
C ₃ S	60.1
C ₂ S	9.7
C ₃ A	8.7
C ₄ AF	6.8

For and on behalf of
HEIDELBERG MATERIALS UK



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