

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 11-Aug-24

Week No. 2024-32

Compound	%
SiO ₂	20.25
Al ₂ O ₃	5.10
Fe ₂ O ₃	3.34
CaO	64.32
MgO	1.03
SO ₃	3.29
K ₂ O	0.47
Na ₂ O	0.20
Cl	0.02
Loss on Ignition	3.66
Not Detected	-1.68
Total	101.68

	%
Insol Residue	0.33
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.52
LSF (x 100)	95.44

Clinker compounds by Rietveld analysis	
C ₃ S	60.6
C ₂ S	10.6
C ₃ A	7.0
C ₄ AF	8.6

For and on behalf of
HEIDELBERG MATERIALS UK



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