

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 03-Nov-24

Week No. 2024-44

Compound	%
SiO ₂	20.19
Al ₂ O ₃	5.10
Fe ₂ O ₃	3.21
CaO	64.13
MgO	1.05
SO ₃	3.33
K ₂ O	0.47
Na ₂ O	0.19
Cl	0.04
Loss on Ignition	3.74
Not Detected	-1.43
Total	101.43

	%
Insol Residue	0.73
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.48
LSF (x 100)	95.47

Clinker compounds by Rietveld analysis	
C ₃ S	58.7
C ₂ S	11.9
C ₃ A	8.1
C ₄ AF	6.8

For and on behalf of
HEIDELBERG MATERIALS UK



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