

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 25-Aug-24

Week No. 2024-34

Compound	%
SiO ₂	20.26
Al ₂ O ₃	4.99
Fe ₂ O ₃	3.38
CaO	64.22
MgO	1.03
SO ₃	3.29
K ₂ O	0.48
Na ₂ O	0.20
Cl	0.03
Loss on Ignition	3.66
Not Detected	-1.54
Total	101.54

	%
Insol Residue	0.33
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.52
LSF (x 100)	95.38

Clinker compounds by Rietveld analysis	
C ₃ S	60.0
C ₂ S	11.0
C ₃ A	6.5
C ₄ AF	8.8

For and on behalf of
HEIDELBERG MATERIALS UK



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