

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 01-Dec-24

Week No. 2024-48

Compound	%
SiO ₂	20.43
Al ₂ O ₃	5.08
Fe ₂ O ₃	2.92
CaO	64.77
MgO	1.05
SO ₃	3.35
K ₂ O	0.47
Na ₂ O	0.19
Cl	0.03
Loss on Ignition	3.17
Not Detected	-1.46
Total	101.46

	%
Insol Residue	0.98
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.50
LSF (x 100)	95.80

Clinker compounds by Rietveld analysis	
C ₃ S	61.4
C ₂ S	9.6
C ₃ A	8.2
C ₄ AF	6.5

 For and on behalf of
HEIDELBERG MATERIALS UK



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