

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 30-Mar-25

Week No. 2025-12

Compound	%
SiO ₂	20.27
Al ₂ O ₃	4.99
Fe ₂ O ₃	3.33
CaO	64.80
MgO	1.02
SO ₃	3.33
K ₂ O	0.41
Na ₂ O	0.22
Cl	0.03
Loss on Ignition	2.71
Not Detected	-1.10
Total	101.10

	%
Insol Residue	1.48
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	96.27

Clinker compounds by Rietveld analysis	
C ₃ S	60.8
C ₂ S	9.6
C ₃ A	7.5
C ₄ AF	7.8

For and on behalf of
HEIDELBERG MATERIALS UK



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