

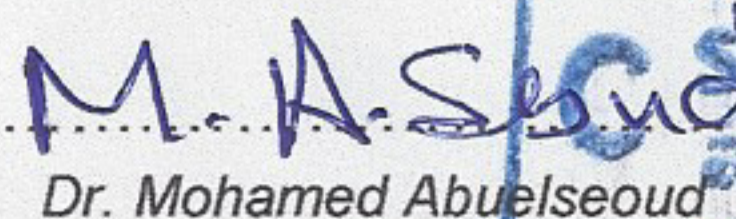
AALBORG WHITE® cement *made in Egypt* CEM II/B-LL 42,5 N

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 certified by KIWA with the certificate no. 0770-CPR-2092-02-17.

Essential characteristics		Typical value	Requirements in EN 197-1
1 day strength	MPa	16	
2 days strength	MPa	24	≥ 10
28 days strength	MPa	48	≥ 42.5 ≤ 62.5
Initial setting time	min	150	≥ 60
Standard Consistency		26	
Soundness	mm	1.3	≤ 10
Fineness	m ² /kg	550	
Reflectance (DIN 5033)	%	87.0	
Hunter L		91.5	
Hunter a		-1.2	
Hunter b		4.0	
Absolute density	g/cm ³	300	
Bogue composition – Clinker / ASTM			
C ₃ S	%	72	
C ₂ S	%	17	
C ₃ A	%	6	
C ₄ AF	%	0.8	
Chemical properties			
SO ₃	%	2.4	≤ 3.5
MgO	%	0.2	
Alkalies as Na ₂ O	%	0.4	
Cl ⁻	%	0.06	≤ 0.10
Loss on ignition	%	13.0	
Insoluble residue	%	0.2	≤ 5.0
Water soluble Cr ⁶⁺	mg/kg	≤ 2.0	

Sinai, 1 December 2017

Signed for and on behalf of the manufacturer by:



Dr. Mohamed Abulseoud

Sinai White Portland Cement Company SAE 2017

