

Cement Test Certificate

Ref: AYCC/QC/Spec/EN/MC/22.5/ 05

Brand Name: Hadhramout Cement

Manufacturing Date: (01-30)/06/2026

Type: Masonry Cement

Date of Issue: 02/07/2026

Code: MC 22.5 X – BS EN 413-1:2011

Chemical Tests	Unite	Typical Analysis	Standard Requirements	
			Min.	Max.
Silicon dioxide (SiO ₂)	%	29.00	-	-
Aluminum Oxide (Al ₂ O ₃)	%	9.55	-	-
Ferric Oxide (Fe ₂ O ₃)	%	9.25	-	-
Calcium Oxide (CaO)	%	>37.00	-	-
Magnesium Oxide (MgO)	%	<4.00	-	-
Potassium Oxide (K ₂ O)	%	<0.70	-	-
Sodium Oxide (Na ₂ O)	%	<1.85	-	-
Sulphuric anhydride (SO ₃)	%	2.11	-	3.50
Chloride (Cl)	%	<0.03	-	0.10
Loss on Ignition (L.O.I.)	%	< 5.75	-	-
Insoluble Residue (I.R. _(KOH))	%	< 8.00	-	-
Tricalcium Aluminate (C ₃ A)	%	9.66	-	-
Tetracalciumaluminoferrite (C ₄ AF)	%	28.15	-	-

Physical Tests		Unite	Typical Analysis	Standard Requirements	
				Min.	Max.
Fineness, Specific surface	Blaine	M ² /kg	≥ 450	-	-
Setting Time	Initial	Minutes	≤ 160	60	-
	Final	Minutes	≤ 235	-	-
Soundness	Le Chatelier	mm	≤ 1.0	-	10
Compressive Strength	2 Days	MPa	≥ 5.0	-	-
	7 Days	MPa	≥ 11.0	10	-
	28 Days	MPa	24±1	22.50	42.50

The cement conforms to all the requirements of Masonry Cement MC 22.5X in accordance with BS EN 413-1:2011 at the time of dispatch.



Quality Control Manager

[Signature]