



الشركة العربية اليمنية للأسمنت المحدودة
Arabian Yemen Cement Company, Ltd

Cement Test Certificate

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

Brand Name: Hadhramout Cement

Manufacturing Date: (01-31)/03/2026

Type: Masonry Cement

Date of Issue: 06/04/2026

Code: MC 22.5 X – BS EN 413-1:2011

Chemical Tests	Unite	Typical Analysis	Standard Requirements	
			Min.	Max.
Silicon dioxide (SiO ₂)	%	26.78	-	-
Aluminum Oxide (Al ₂ O ₃)	%	8.70	-	-
Ferric Oxide (Fe ₂ O ₃)	%	7.40	-	-
Calcium Oxide (CaO)	%	>44.00	-	-
Magnesium Oxide (MgO)	%	<3.60	-	-
Potassium Oxide (K ₂ O)	%	<0.65	-	-
Sodium Oxide (Na ₂ O)	%	<1.60	-	-
Sulphuric anhydride (SO ₃)	%	2.15	-	3.50
Chloride (Cl)	%	<0.05	-	0.10
Loss on Ignition (L.O.I.)	%	< 6.0	-	-
Insoluble Residue (I.R.(KOH))	%	< 7.0	-	-
Tricalcium Aluminate (C ₃ A)	%	10.53	-	-
Tetracalciumaluminoferrite (C ₄ AF)	%	22.52	-	-

Physical Tests		Unite	Typical Analysis	Standard Requirements	
				Min.	Max.
Fineness, Specific surface	Blaine	M ² /kg	≥ 480	-	-
Setting Time	Initial	Minutes	≤ 130	60	-
	Final	Minutes	≤ 200	-	-
Soundness	Le Chatelier	mm	≤ 1.0	-	10
Compressive Strength	2 Days	MPa	≥ 7.0	-	-
	7 Days	MPa	≥ 14.0	10	-
	28 Days	MPa	27±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