



RIYADH FOUNDRY  
مسبك الرياض

# MATERIAL TECHNICAL DATA SHEET

Category	Details
Model No.	MC-170 A R4 (HD)
Material	Heavy Duty Grey Cast Iron Cover and Frame
Material Standards	ASTM A48
Standard Compliance	BS EN 124 standards for manhole and handhole covers.
Design	Circular Cover and Square Frame Type with machine-finished bearing surfaces for precise fit.
Clear Opening	800 mm Ø
Overall Base	1070 X 1070mm
Depth	150 mm
Load Capacity	40 tons – (D400)
Features & Advantages	<ul style="list-style-type: none"><li>▪ Single Seal</li><li>▪ Register</li><li>▪ Closed Key Holes</li><li>▪ Dual Prising Slots</li><li>▪ Locking Bolts</li><li>▪ Flat Rubber Gasket</li><li>▪ 4 Anchoring Holes</li></ul>
Coating	<ul style="list-style-type: none"><li>▪ Coal Tar Epoxy (Standard)</li><li>▪ Black Bitumen (Optional)</li></ul>
Inscription	Covers shall feature a permanent cast inscription indicating the manufacturer's name, manufacturing date, usage (in both Arabic and English), load class, applicable standard, country of origin, and project name if specified.

Enger. Faisal Saeed- Technical Manager

