

SAMPLING & TESTING
CONCRETE MASONRY UNITS

Method: ASTM C140-12

Client Name : **SAUDI READYMIX CONCRETE CO. LTD. (JUBAIL PLANT)**
 Project Name : Al Thaluf Real Estate Housing & Villa Project
 Sample Description : Masonry Block (205 OMNI RF)
 Date Sample Received : 22 August 2017
 Sampling Done By : Client Representative
 Date of Test : 22 August 2017

Specimen Number		1	2	3
Average Dimensions (mm)	L x W x H	390 x 190 x 190	390 x 190 x 190	390 x 190 x 190
	Face	-	-	-
	Web	-	-	-
Absorption	(%)	-	-	-
	(kg/m ³)	-	-	-
Density	(kg/m ³)	-	-	-
Net Area	(mm ²)	4026	4026	4026
Compressive Load	(kN)	88.3	100.0	92.3
Compressive Strength	(N/mm ²)	21.9	24.8	22.9
Average Compressive Strength of 3 Units	(N/mm ²)	23.2		
	(psi)	3360		

Remarks:

1. The compressive strength was obtained by using the "Net Area" of the sample.
2. Size of samples tested was 122 x 33 x 74mm.


RIAZUL HASAN, M.Sc. FGS
 Asst. Regional Manager
 For Al Hoty Stanger Ltd. Co. – Jubail
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SASI KUMAR G.
 Laboratory Supervisor

This report relates only to the sample tested and shall only be reproduced in full with a written approval of AHSL testing laboratory.

AL HOTY STANGER LTD.CO.

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