

## Concrete Blocks Test Report

Client	Housam El Din Ibrahim Jaamour Factory Company & partner for the manufacture block & tiles	Report No.	JMR22005169
Contractor	Housam El Din Ibrahim Jaamour Factory Company & partner for the manufacture block & tiles	Date Reported	18-Sep-2022
Consultant	N.P.	Sample No.	JMS22001670
Project No.	N.P.	Request No.	JMQ22001262
Project Name	Private	Client Reference	N.P.
Sample Description	Hollow Blocks 400x300x200 ,	Sample ID	JMS22001670/1
Supplier	N.P.	Sampled By	ACES's Rep.
Location	Site	Sample Brt. in By	ACES's Rep.
Test Method	ASTM C140	Sampling Date	8-Sep-2022
Test Method Var.	N.P.	Date Received	8-Sep-2022
Tested By	ACES's Rep.	Date Tested	9-Sep-2022

### Dimensions:

Type	Size	Block	Dimensions				
		No.	Length (mm)	Width (mm)	Height (mm)	Web (mm)	Face (mm)
Hollow Block	400x300x200	1	400.0	300.0	200.0	29.2	30.0
	400x300x200	2	400.0	300.0	200.0	29.2	30.0

### Test Results by Measured Dimensions:

Type	Size	Block	Dimensions			Net Area (mm <sup>2</sup> )	Dry Density (Kg/m <sup>3</sup> )	Weight (g)
		No.	Length (mm)	Width (mm)	Height (mm)			
Hollow Block	400x300x200	1	400	300	200	47525	1758.7	<u>16716</u>
	400x300x200	2	400	300	200	45560	1751.8	<u>15962</u>

### Notes:-

\*The test results represent the submitted sample only.

Arab Company For Laboratories and Soil

Eng. Rashad M. Mursi  
Materials Engineer

Arab Company For Laboratories and Soil

Eng. Mahmoud Jaber  
Head of Materials Section

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Concrete Block Test Report For Water Absorption

Client	Housam El Din Ibrahim Jaamour Factory Company & partner for the manufacture block & tiles	Report No.	JMR22005170
Contractor	Housam El Din Ibrahim Jaamour Factory Company & partner for the manufacture block & tiles	Date Reported	18-Sep-2022
Consultant	N.P.	Sample No.	JMS22001670
Project No.	N.P.	Request No.	JMQ22001262
Project Name	Private	Client Reference	Verbal
Sample Description	Hollow Blocks 400x300x200 ,	Sample ID	JMS22001670/1
Supplier	N.P	Sampled By	ACES's Rep.
Location	Site	Sample Brt. In By	Client's Rep.
Test Method	ASTM C140/C140M-20a	Date Received	8-Sep-2022
Tested By	ACES	Date Tested	10-Sep-2022

Test Results Of Water Absorption:

Type	Block No.	Dimensions				Dry Wg.	SSD Wg.	Water Absorption %
		Length (mm)	Width (mm)	Height (mm)				
Hollow Block	1	400.0	300.0	200.0	16716	17629	5.5	
	2	400.0	300.0	200.0	15962	16874	5.7	

Notes:-

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Arab Company For Laboratories and Soil

Eng. Rashad Moursi  
Materials Engineer

Arab Company For Laboratories and Soil

Eng. Mahmoud Jaber  
Head of Materials Section



### Concrete Block Test Report For Fire Resistance

<b>Client</b>	Housam El Din Ibrahim Jaamour Factory Company & partner for the manufacture block & tiles	<b>Report No.</b>	JMR22005171
<b>Contractor</b>	Housam El Din Ibrahim Jaamour Factory Company & partner for the manufacture block & tiles	<b>Date Reported</b>	18-Sep-2022
<b>Consultant</b>	N.P.	<b>Sample No.</b>	JMS22001670
<b>Project No.</b>	N.P.	<b>Request No.</b>	JMQ22001262
<b>Project Name</b>	Site	<b>Client Reference</b>	Verbal
<b>Sample Description</b>	Hollow Blocks 400x300x200 ,	<b>Sample ID</b>	JMS22001670/1
<b>Sample Description</b>	N.P.	<b>Sampled By</b>	Client's Rep.
<b>Location</b>	Site	<b>Sampling Date</b>	8-Sep-2022
<b>Test Method</b>	ACI 216 (Calculation Method)	<b>Sample Brt. In By</b>	Client's Rep.
<b>Test Method Var.</b>	N.P.	<b>Date Received</b>	8-Sep-2022
<b>Tested By</b>	ACES' Rep	<b>Date Tested</b>	9-Sep-2022

### Test Results Of Fire Resistance

Type	Block	Dimensions					Fire Resistance (Hours)
	No.	Length (mm)	Width (mm)	Height (mm)	Face (mm)	Web (mm)	
Hollow Block	1	400	300	200	29.2	30.0	2.0
	2	400	300	200	29.2	30.0	2.0
Average							2.0

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Materials Engineer

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Eng. Mahmoud Jaber  
Head of Materials Section

